# **SAFETY DATA SHEET**

81137/86137

## Section 1. Identification

Product name	: DURA SEAL® QUICK COAT 2 Hour Penetrating Finish Spice Brown
Product code	: 81137/86137
Other means of identification	: Not available.
Product type	: Liquid.
Relevant identified uses of	the substance or mixture and uses advised against
Paint or paint related material	
Manufacturer	: MINWAX Company 10 Mountainview Road Upper Saddle River, NJ 07458
Emergency telephone number of the company	: (800) 424-9300
Product Information Telephone Number	: (800) 364-1359
Regulatory Information Telephone Number	: (216) 566-2902
Transportation Emergency Telephone Number	: (800) 424-9300

### Section 2. Hazards identification

OSHA/HCS status	: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).
Classification of the substance or mixture	<ul> <li>FLAMMABLE LIQUIDS - Category 3 RESPIRATORY SENSITIZATION - Category 1 SKIN SENSITIZATION - Category 1 CARCINOGENICITY - Category 2 TOXIC TO REPRODUCTION (Fertility) - Category 2 TOXIC TO REPRODUCTION (Unborn child) - Category 2 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3 SPECIFIC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 ASPIRATION HAZARD - Category 1</li> </ul>
	Percentage of the mixture consisting of ingredient(s) of unknown acute oral toxicity: 52.8% Percentage of the mixture consisting of ingredient(s) of unknown acute dermal toxicity: 53.9% Percentage of the mixture consisting of ingredient(s) of unknown acute inhalation toxicity: 56.9%

#### **GHS label elements**

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# Section 2. Hazards identification

Hazard pictograms	
Signal word	: Danger
Hazard statements	<ul> <li>Flammable liquid and vapor.</li> <li>May cause allergy or asthma symptoms or breathing difficulties if inhaled.</li> <li>May cause an allergic skin reaction.</li> <li>Suspected of damaging fertility or the unborn child.</li> <li>Suspected of causing cancer.</li> <li>May be fatal if swallowed and enters airways.</li> <li>May cause respiratory irritation.</li> <li>May cause drowsiness or dizziness.</li> <li>Causes damage to organs through prolonged or repeated exposure.</li> </ul>
Precautionary statements	
Prevention	: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wear protective gloves. Wear eye or face protection. Wear protective clothing. Wear respiratory protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion- proof electrical, ventilating, lighting and all material-handling equipment. Use only non- sparking tools. Take precautionary measures against static discharge. Keep container tightly closed. Use only outdoors or in a well-ventilated area. Do not breathe vapor. Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace.
Response	: Get medical attention if you feel unwell. IF exposed or concerned: Get medical attention. IF INHALED: If breathing is difficult, remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or physician if you feel unwell. If experiencing respiratory symptoms: Call a POISON CENTER or physician. IF SWALLOWED: Immediately call a POISON CENTER or physician. Do NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. IF ON SKIN: Wash with plenty of soap and water. Wash contaminated clothing before reuse. If skin irritation or rash occurs: Get medical attention.
Storage	: Store locked up. Store in a well-ventilated place. Keep cool.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Supplemental label elements	<ul> <li>DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE. Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. FOR INDUSTRIAL USE ONLY.</li> <li>Please refer to the SDS for additional information. Keep out of reach of children. Do not transfer contents to other containers for storage.</li> </ul>
Hazards not otherwise classified	<ul> <li>DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.</li> </ul>

:11/26/2019

### Section 3. Composition/information on ingredients

#### Substance/mixture

- : Mixture
- Other means of identification
- - : Not available.

#### **CAS number/other identifiers**

Ingredient name	% by weight	CAS number
Light Aliphatic Hydrocarbon	≥25 - ≤50	64742-47-8
Aliphatic Solvent	≥10 - ≤25	64742-47-8
Diacetone Alcohol	≤5	123-42-2
Med. Aliphatic Hydrocarbon Solvent	≤3	64742-88-7
Hydrotreated Heavy Petroleum Naphtha	≤3	64742-48-9
Zirconium 2-Ethylhexanoate	≤3	22464-99-9
1,2,4-Trimethylbenzene	≤2.6	95-63-6
Fatty acids, C9-13-neo-, cobalt salts	<1	68955-83-9
Light Aromatic Hydrocarbons	<1	64742-95-6
Cobalt Neodecanoate	<1	27253-31-2
Toluene	<1	108-88-3
1,3,5-Trimethylbenzene	≤0.3	108-67-8
2-(2-Methoxyethoxy)-ethanol	≤0.3	111-77-3
Calcium 2-Ethylhexanoate	≤0.3	136-51-6
Cumene	≤0.3	98-82-8

Any concentration shown as a range is to protect confidentiality or is due to batch variation.

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

### Section 4. First aid measures

Description of	<u>necessary first a</u>	id measures					
Eye contact	:	eyelids. Che		of water, occasionally lifting contact lenses. Continue			
Inhalation	:	is suspected or self-conta respiratory a may be dang Get medical place in reco airway. Loo	I that fumes are still pre- ined breathing apparate rrest occurs, provide an gerous to the person pr- attention. If necessary overy position and get n	p at rest in a position comf sent, the rescuer should w us. If not breathing, if breat rtificial respiration or oxyge oviding aid to give mouth-to r, call a poison center or phe nedical attention immediat as a collar, tie, belt or wais her exposure.	vear an app athing is irre on by traine co-mouth re nysician. If ely. Mainta	eropriate m egular or if d personne suscitation unconscio in an open	ask el. It n. us, n
Skin contact	:	contaminate Continue to complaints c	d clothing thoroughly w rinse for at least 10 mir	r. Remove contaminated of ith water before removing nutes. Get medical attention her exposure. Wash cloth	it, or wear gon. In the e	gloves. vent of any	у
Ingestion	:	with water. position com person is co feels sick as lungs and ca be kept low unconscious	Remove dentures if any fortable for breathing. nscious, give small qua vomiting may be dang ause damage. Do not i so that vomit does not e person. If unconsciou	Call a poison center or phy. Remove victim to fresh If material has been swall antities of water to drink. Se erous. Aspiration hazard in nduce vomiting. If vomiting enter the lungs. Never gives, place in recovery position open airway. Loosen tight	air and kee owed and the top if the ex f swallowed g occurs, the e anything loon and get r	p at rest in ne exposed kposed per l. Can ent he head sho by mouth to medical	n a d rson er ould o an
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### Section 4. First aid measures

tie, belt or waistband.

Potential acute health effe	<u>cts</u>
Eye contact	: No known significant effects or critical hazards.
Inhalation	: Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.
Skin contact	: May cause an allergic skin reaction.
Ingestion	: Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.
Over-exposure signs/sym	otoms
Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing wheezing and breathing difficulties asthma
	nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations
Indication of immediate me	dical attention and special treatment needed, if necessary
Notes to physician	<ul> <li>Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.</li> </ul>
Specific treatments	: No specific treatment.
Protection of first-aiders	: No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

# Section 5. Fire-fighting measures

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Extinguishing media	
Suitable extinguishing media	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
Unsuitable extinguishing media	: Do not use water jet.
Specific hazards arising from the chemical	: Flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. The vapor/gas is heavier than air and will spread along the ground. Vapors may accumulate in low or confined areas or travel a considerable distance to a source of ignition and flash back.
Hazardous thermal decomposition products	: Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
Special protective actions for fire-fighters	: Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

### Section 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

For non-emergency personnel	:	No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	:	If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
Environmental precautions	:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Methods and materials for co	nta	ainment and cleaning up
Small spill	:	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	:	Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see Section 13). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see Section 1 for emergency contact information and Section 13 for waste disposal.

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# Section 7. Handling and storage

Precautions for safe handling	
Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems or asthma, allergies or chronic or recurrent respiratory disease should not be employed in any process in which this product is used. Avoid exposure - obtain special instructions before use. Avoid exposure during pregnancy. Do not handle until all safety precautions have been read and understood. Do not get in eyes or on skin or clothing. Do not breathe vapor or mist. Do not swallow. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
Conditions for safe storage, including any incompatibilities	: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

# Section 8. Exposure controls/personal protection

#### **Control parameters**

#### Occupational exposure limits (OSHA United States)

Ingredient name	CAS #	Exposure limit	S	
Light Aliphatic Hydrocarbon	64742-47-8	Absorbed thro	g/m <sup>3</sup> , (as total hydrocarbo	n
Aliphatic Solvent	64742-47-8	ACGIH TLV (U Absorbed thro	<b>Inited States, 3/2019).</b> Dugh skin. g/m³, (as total hydrocarbor	n
Diacetone Alcohol	123-42-2	ACGIH TLV (U TWA: 50 ppm TWA: 238 mg NIOSH REL (U TWA: 50 ppm TWA: 240 mg	<b>United States, 3/2019).</b> a 8 hours. g/m <sup>3</sup> 8 hours. <b>United States, 10/2016).</b> a 10 hours. g/m <sup>3</sup> 10 hours. <b>nited States, 5/2018).</b> a 8 hours.	
Med. Aliphatic Hydrocarbon Solvent	64742-88-7		<b>nited States, 5/2018).</b> m 8 hours.	
Hydrotreated Heavy Petroleum Naphtha	64742-48-9	None.		
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Zirconium 2-Ethylhexanoate	22464-99-9	ACGIH TLV (United States, 3/2019).
		TWA: 5 mg/m <sup>3</sup> , (as Zr) 8 hours. STEL: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes. NIOSH REL (United States, 10/2016).
		TWA: 5 mg/m <sup>3</sup> , (as Zr) 10 hours. STEL: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes. <b>OSHA PEL (United States, 5/2018).</b> TWA: 5 mg/m <sup>3</sup> , (as Zr) 8 hours.
,2,4-Trimethylbenzene	95-63-6	ACGIH TLV (United States, 3/2019). TWA: 25 ppm 8 hours. TWA: 123 mg/m <sup>3</sup> 8 hours. NIOSH REL (United States, 10/2016). TWA: 25 ppm 10 hours. TWA: 125 mg/m <sup>3</sup> 10 hours.
atty acids, C9-13-neo-, cobalt salts	68955-83-9	ACGIH TLV (United States, 3/2019). Skin sensitizer. Inhalation sensitizer. TWA: 0.02 mg/m <sup>3</sup> , (as Co) 8 hours.
ight Aromatic Hydrocarbons	64742-95-6	None.
Cobalt Neodecanoate	27253-31-2	ACGIH TLV (United States, 3/2019). Skir sensitizer. Inhalation sensitizer. TWA: 0.02 mg/m <sup>3</sup> , (as Co) 8 hours.
Foluene	108-88-3	OSHA PEL Z2 (United States, 2/2013). TWA: 200 ppm 8 hours. CEIL: 300 ppm AMP: 500 ppm 10 minutes. NIOSH REL (United States, 10/2016). TWA: 100 ppm 10 hours. TWA: 375 mg/m <sup>3</sup> 10 hours. STEL: 150 ppm 15 minutes. STEL: 560 mg/m <sup>3</sup> 15 minutes. ACGIH TLV (United States, 3/2019). TWA: 20 ppm 8 hours.
I,3,5-Trimethylbenzene	108-67-8	ACGIH TLV (United States, 3/2019). TWA: 25 ppm 8 hours. TWA: 123 mg/m <sup>3</sup> 8 hours. NIOSH REL (United States, 10/2016). TWA: 25 ppm 10 hours. TWA: 125 mg/m <sup>3</sup> 10 hours.
2-(2-Methoxyethoxy)-ethanol Calcium 2-Ethylhexanoate Cumene	111-77-3 136-51-6 98-82-8	None. None. ACGIH TLV (United States, 3/2019). TWA: 50 ppm 8 hours. NIOSH REL (United States, 10/2016). Absorbed through skin. TWA: 50 ppm 10 hours. OSHA PEL (United States, 5/2018). Absorbed through skin. TWA: 50 ppm 8 hours. TWA: 245 mg/m <sup>3</sup> 8 hours.

Occupational exposure limits (Canada)

Petroleum refining, hydrotreated light distillate       64742-47-8       CA British Columbia Provincial (Canada, 5209), Absorbed through skin. TWA- 200 mg/m², (as total hydrocarbon vapour) & hours. CA Alberta Provincial (Canada, 1/2018), Absorbed through skin. TWA- 200 mg/m², (as total hydrocarbon vapour) & hours. CA Ontario Provincial (Canada, 1/2018), Absorbed through skin. TWA- 200 mg/m², (as total hydrocarbon vapour) & hours. CA Dritich Columbia Provincial (Canada, 1/2018), Absorbed through skin. TWA- 200 mg/m², (as total hydrocarbon vapour) & hours. CA Dritich Columbia Provincial (Canada, 1/2018), Absorbed through skin. TWA- 200 mg/m², (as total hydrocarbon vapour) & hours. CA Alberta Provincial (Canada, 1/2018), Absorbed through skin. TWA- 200 mg/m², (as total hydrocarbon vapour) & hours. CA Ontario Provincial (Canada, 1/2018), Absorbed through skin. TWA- 200 mg/m², (as total hydrocarbon vapour) & hours. CA Ontario Provincial (Canada, 1/2018), TWA- 200 mg/m², (as total hydrocarbon vapour) & hours. CA Ontario Provincial (Canada, 1/2018), TWA- 200 mg/m², (as total hydrocarbon vapour) & hours. CA Alberta Provincial (Canada, 1/2018), TWA- 200 mg/m², (as total hydrocarbon vapour) & hours. CA Ontario Provincial (Canada, 1/2018), TWA- 50 pm & hours. CA Ontario Provincial (Canada, 1/2018), TWA- 50 pm & hours. CA Ontario Provincial (Canada, 1/2018), TWA- 50 pm & hours. CA Ontario Provincial (Canada, 1/2018), TWA- 50 pm & hours. CA Ontario Provincial (Canada, 1/2018), TWA- 50 pm & hours. CA Ontario Provincial (Canada, 1/2018), TWA- 50 pm & hours. CA Ontario Provincial (Canada, 1/2018), TWA- 50 pm & hours. CA Ontario Provincial (Canada, 1/2018), TWA-50 pm & hours. CA Ontario Provincia	Ingredient name	CAS #	Exposure limits
4-Hydroxy-4-methyl-2-pentanone       5/2019). Absorbed through skin.         4-Hydroxy-4-methyl-2-pentanone       123-42-2         123-42-2       CA Alberta Provincial (Canada, 6/2018).         Absorbed through skin.       8 hrs OEL: 200 mg/m², (as total hydrocarbon vapour) 8 hours.         CA Alberta Provincial (Canada, 1/2018).       Absorbed through skin.         TWX: 200 mg/m², (as total hydrocarbon vapour) 8 hours.       CA Alberta Provincial (Canada, 6/2018).         8 hrs OEL: 200 mg/m², (as total hydrocarbon vapour) 8 hours.       CA Alberta Provincial (Canada, 6/2018).         8 hrs OEL: 200 mg/m², (as total hydrocarbon vapour) 8 hours.       CA Alberta Provincial (Canada, 6/2018).         8 hrs OEL: 200 mg/m² (as total hydrocarbon vapour) 8 hours.       CA Alberta Provincial (Canada, 6/2018).         8 hrs OEL: 200 mg/m² (as total hydrocarbon vapour) 8 hours.       CA Alberta Provincial (Canada, 1/2018).         TWA: S0 ppm 8 hours.       CA Alberta Provincial (Canada, 1/2018).         TWA: S0 ppm 8 hours.       CA Alberta Provincial (Canada, 1/2018).         TWA: S0 ppm 8 hours.       CA Alberta Provincial (Canada, 1/2018).         Zirconium 2-Ethylhexanoate       64742-88-7       CA Ontario Provincial (Canada, 6/2018).         8 hrs OEL: 5 mg/m³ 8 hours.       CA Alberta Provincial (Canada, 6/2018).         9 hors.       STEL: 60 ppm 15 minutes.         72019).       TWA: S0 ppm 3 hours.	Petroleum refining, hydrotreated light distillate	64742-47-8	<ul> <li>5/2019). Absorbed through skin. TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours.</li> <li>CA Alberta Provincial (Canada, 6/2018).</li> <li>Absorbed through skin. 8 hrs OEL: 200 mg/m³, (as total hydrocarbon vapour) 8 hours.</li> <li>CA Ontario Provincial (Canada, 1/2018).</li> <li>Absorbed through skin. TWA: 200 mg/m³, (as total hydrocarbon</li> </ul>
8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 238 mg/m² 8 hours. CA British Columbia Provincial (Canada, 5/2019). TWA: 50 ppm 8 hours. CA Outario Provincial (Canada, 1/2018). TWA: 50 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014). TWA: 50 ppm 8 hours. CA Quebec Provincial (Canada, 1/2014). 	Petroleum refining, hydrotreated light distillate	64742-47-8	<ul> <li>5/2019). Absorbed through skin. TWA: 200 mg/m³, (as total hydrocarbon vapour) 8 hours.</li> <li>CA Alberta Provincial (Canada, 6/2018).</li> <li>Absorbed through skin. 8 hrs OEL: 200 mg/m³, (as total hydrocarbon vapour) 8 hours.</li> <li>CA Ontario Provincial (Canada, 1/2018).</li> <li>Absorbed through skin. TWA: 200 mg/m³, (as total hydrocarbon</li> </ul>
Medium aliphatic solvent naphtha (petroleum) C9-C1264742-88-7CA Ontario Provincial (Canada, 1/2018). TWA: 525 mg/m³ 8 hours.Zirconium 2-Ethylhexanoate22464-99-9CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 5 mg/m³, (as Zr) 8 hours. 15 min OEL: 10 mg/m³, (as Zr) 15 minutes. CA British Columbia Provincial (Canada, 5/2019). TWA: 5 mg/m³, (as Zr) 8 hours. STEL: 10 mg/m³, (as Zr) 15 minutes. CA Quebec Provincial (Canada, 1/2014). TWAEV: 5 mg/m³, (as Zr) 8 hours. STEV: 10 mg/m³, (as Zr) 8 hours. 	4-Hydroxy-4-methyl-2-pentanone	123-42-2	8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 238 mg/m <sup>3</sup> 8 hours. <b>CA British Columbia Provincial (Canada,</b> <b>5/2019).</b> TWA: 50 ppm 8 hours. <b>CA Ontario Provincial (Canada, 1/2018).</b> TWA: 50 ppm 8 hours. <b>CA Quebec Provincial (Canada, 1/2014).</b> TWAEV: 50 ppm 8 hours. TWAEV: 238 mg/m <sup>3</sup> 8 hours. <b>CA Saskatchewan Provincial (Canada,</b> <b>7/2013).</b> STEL: 60 ppm 15 minutes.
Zirconium 2-Ethylhexanoate22464-99-9CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 5 mg/m³, (as Zr) 8 hours. 15 min OEL: 10 mg/m³, (as Zr) 15 minutes. CA British Columbia Provincial (Canada, 5/2019). TWA: 5 mg/m³, (as Zr) 8 hours. STEL: 10 mg/m³, (as Zr) 15 minutes. CA Quebec Provincial (Canada, 1/2014). TWAEV: 5 mg/m³, (as Zr) 8 hours. STEV: 10 mg/m³, (as Zr) 15 minutes. CA Ontario Provincial (Canada, 1/2018). STEL: 10 mg/m³, (as Zr) 15 minutes. CA Ontario Provincial (Canada, 1/2018). STEL: 10 mg/m³, (as Zr) 15 minutes. TWA: 5 mg/m³, (as Zr) 8 hours.	Medium aliphatic solvent naphtha (petroleum) C9-C12	64742-88-7	CA Ontario Provincial (Canada, 1/2018).
1,2,4-Trimethylbenzene95-63-6CA Alberta Provincial (Canada, 6/2018).	Zirconium 2-Ethylhexanoate	22464-99-9	<ul> <li>CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 5 mg/m³, (as Zr) 8 hours. 15 min OEL: 10 mg/m³, (as Zr) 15 minutes.</li> <li>CA British Columbia Provincial (Canada, 5/2019). TWA: 5 mg/m³, (as Zr) 8 hours. STEL: 10 mg/m³, (as Zr) 15 minutes.</li> <li>CA Quebec Provincial (Canada, 1/2014). TWAEV: 5 mg/m³, (as Zr) 8 hours. STEV: 10 mg/m³, (as Zr) 15 minutes.</li> <li>CA Ontario Provincial (Canada, 1/2018). STEL: 10 mg/m³, (as Zr) 15 minutes.</li> </ul>
		95-63-6	CA Alberta Provincial (Canada, 6/2018).

		8 hrs OEL: 123 mg/m <sup>3</sup> 8 hours. 8 hrs OEL: 25 ppm 8 hours. <b>CA British Columbia Provincial (Canada,</b> <b>5/2019).</b> TWA: 25 ppm 8 hours. <b>CA Quebec Provincial (Canada, 1/2014).</b> TWAEV: 25 ppm 8 hours. TWAEV: 123 mg/m <sup>3</sup> 8 hours. <b>CA Ontario Provincial (Canada, 1/2018).</b> TWA: 25 ppm 8 hours. <b>CA Saskatchewan Provincial (Canada,</b> <b>7/2013).</b> STEL: 30 ppm 15 minutes. TWA: 25 ppm 8 hours.
Fatty acids, C9-13-neo-, cobalt salts	68955-83-9	<ul> <li>CA Ontario Provincial (Canada, 1/2018). TWA: 0.02 mg/m³, (as Co) 8 hours. Form: Inorganic</li> <li>CA British Columbia Provincial (Canada, 5/2019). Skin sensitizer. Inhalation sensitizer. TWA: 0.02 mg/m³, (as Co, Total) 8 hours.</li> <li>CA Quebec Provincial (Canada, 1/2014).</li> <li>Skin sensitizer. TWAEV: 0.02 mg/m³, (as Co) 8 hours.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013). STEL: 0.06 mg/m³, (measured as Co) 15 minutes. TWA: 0.02 mg/m³, (measured as Co) 8 hours.</li> </ul>
Cobalt Neodecanoate	27253-31-2	<ul> <li>CA Ontario Provincial (Canada, 1/2018). TWA: 0.02 mg/m³, (as Co) 8 hours. Form: Inorganic</li> <li>CA British Columbia Provincial (Canada, 5/2019). Skin sensitizer. Inhalation sensitizer. TWA: 0.02 mg/m³, (as Co, Total) 8 hours.</li> <li>CA Quebec Provincial (Canada, 1/2014).</li> <li>Skin sensitizer. TWAEV: 0.02 mg/m³, (as Co) 8 hours.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013). STEL: 0.06 mg/m³, (measured as Co) 15 minutes. TWA: 0.02 mg/m³, (measured as Co) 8 hours.</li> </ul>
Foluene	108-88-3	CA Alberta Provincial (Canada, 6/2018). Absorbed through skin. 8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 188 mg/m <sup>3</sup> 8 hours. CA British Columbia Provincial (Canada, 5/2019). TWA: 20 ppm 8 hours. CA Ontario Provincial (Canada, 1/2018). TWA: 20 ppm 8 hours.

		TWAEV: 50 ppm 8 hours. TWAEV: 188 mg/m <sup>3</sup> 8 hours. <b>CA Saskatchewan Provincial (Canada,</b> <b>7/2013). Absorbed through skin.</b> STEL: 60 ppm 15 minutes. TWA: 50 ppm 8 hours.
Cumene	98-82-8	<ul> <li>CA Alberta Provincial (Canada, 6/2018). 8 hrs OEL: 50 ppm 8 hours. 8 hrs OEL: 246 mg/m<sup>3</sup> 8 hours.</li> <li>CA British Columbia Provincial (Canada, 5/2019). TWA: 25 ppm 8 hours. STEL: 75 ppm 15 minutes.</li> <li>CA Ontario Provincial (Canada, 1/2018). TWA: 50 ppm 8 hours.</li> <li>CA Quebec Provincial (Canada, 1/2014). TWAEV: 50 ppm 8 hours. TWAEV: 246 mg/m<sup>3</sup> 8 hours.</li> <li>CA Saskatchewan Provincial (Canada, 7/2013). STEL: 74 ppm 15 minutes. TWA: 50 ppm 8 hours.</li> </ul>

#### Occupational exposure limits (Mexico)

Spice Brown

	CAS #	Exposure limits
Light Aliphatic Hydrocarbon	64742-47-8	ACGIH TLV (United States, 3/2019). Absorbed through skin. TWA: 200 mg/m <sup>3</sup> , (as total hydrocarbon vapor) 8 hours.
Aliphatic Solvent	64742-47-8	ACGIH TLV (United States, 3/2019). Absorbed through skin. TWA: 200 mg/m <sup>3</sup> , (as total hydrocarbon vapor) 8 hours.
Diacetone Alcohol	123-42-2	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 50 ppm 8 hours.
Zirconium 2-Ethylhexanoate	22464-99-9	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 5 mg/m <sup>3</sup> , (as Zr) 8 hours. STEL: 10 mg/m <sup>3</sup> , (as Zr) 15 minutes.
1,2,4-Trimethylbenzene	95-63-6	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 25 ppm 8 hours.
Fatty acids, C9-13-neo-, cobalt salts	68955-83-9	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 0.02 mg/m <sup>3</sup> , (as Co) 8 hours.
Cobalt Neodecanoate	27253-31-2	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 0.02 mg/m <sup>3</sup> , (as Co) 8 hours.
Toluene	108-88-3	NOM-010-STPS-2014 (Mexico, 4/2016). TWA: 20 ppm 8 hours.

controls Environmental exposure :		other engin recommen vapor or di	neering controls to keep vided or statutory limits. T	vorker exposure to a he engineering contr	ures, local exhaust ventilati irborne contaminants below ols also need to keep gas, limits. Use explosion-proof	v any
Environmen controls	tal exposure	they comp cases, fum	ly with the requirements o	of environmental prot gineering modificatio	hould be checked to ensure ection legislation. In some ns to the process equipment els.	
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Individual protection measures	
Hygiene measures :	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection :	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: safety glasses with side-shields.
Skin protection	
Hand protection :	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection :	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves.
Other skin protection :	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection :	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.

# Section 9. Physical and chemical properties

Appearance	
Physical state	: Liquid.
Color	: Not available.
Odor	: Not available.
Odor threshold	: Not available.
рН	: Not available.
Melting point/freezing point	: Not available.
Boiling point/boiling range	: 65°C (149°F)
Flash point	: Closed cup: 38°C (100.4°F) [Tagliabue Closed Cup]
Evaporation rate	: 0.13 (butyl acetate = 1)
Flammability (solid, gas)	: Not available.
Lower and upper explosive (flammable) limits	: Lower: 1% Upper: 9.8%
Vapor pressure	: 0.66 kPa (4.952 mm Hg) [at 20°C]
Vapor density	: 4 [Air = 1]
Relative density	: 0.87
Solubility	: Not available.

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### Section 9. Physical and chemical properties

Partition coefficient: n- octanol/water	: Not available.
Auto-ignition temperature	: Not available.
Decomposition temperature	: Not available.
Viscosity	: Kinematic (40°C (104°F)): <0.205 cm <sup>2</sup> /s (<20.5 cSt)
Molecular weight	: Not applicable.
Aerosol product	
Heat of combustion	: 27.781 kJ/g

## Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: The product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition. Do not allow vapor to accumulate in low or confined areas.
Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### Section 11. Toxicological information

#### Information on toxicological effects

#### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
Diacetone Alcohol	LD50 Dermal	Rabbit	13500 mg/kg	-
	LD50 Oral	Rat	2520 mg/kg	-
Hydrotreated Heavy	LC50 Inhalation Vapor	Rat	8500 mg/m <sup>3</sup>	4 hours
Petroleum Naphtha				
	LD50 Oral	Rat	>6 g/kg	-
Zirconium 2-Ethylhexanoate	LD50 Dermal	Rabbit	>5 g/kg	-
-	LD50 Oral	Rat	>5 g/kg	-
1,2,4-Trimethylbenzene	LC50 Inhalation Vapor	Rat	18000 mg/m <sup>3</sup>	4 hours
-	LD50 Oral	Rat	5 g/kg	-
Light Aromatic Hydrocarbons	LD50 Oral	Rat	8400 mg/kg	-
Toluene	LC50 Inhalation Vapor	Rat	49 g/m³	4 hours
	LD50 Oral	Rat	636 mg/kg	-
1,3,5-Trimethylbenzene	LC50 Inhalation Vapor	Rat	24000 mg/m <sup>3</sup>	4 hours
-	LD50 Oral	Rat	5000 mg/kg	-
Cumene	LC50 Inhalation Vapor	Rat	39000 mg/m <sup>3</sup>	4 hours
	LD50 Oral	Rat	1400 mg/kg	-

#### Irritation/Corrosion

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Product/ingredient name	Result	Species	Score	Exposure	Observation
Diacetone Alcohol	Eyes - Severe irritant	Rabbit	-	20 mg	-
	Eves - Severe irritant	Rabbit	-	24 hours 100	-
				UI	
	Skin - Mild irritant	Rabbit	-	500 mg	-
Light Aromatic Hydrocarbons	Eyes - Mild irritant	Rabbit	-	24 hours 100	-
				UI	
Toluene	Eyes - Mild irritant	Rabbit	-	0.5 minutes	-
				100 mg	
	Eyes - Mild irritant	Rabbit	-	870 ug	-
	Eyes - Severe irritant	Rabbit	-	24 hours 2	-
				mg	
	Skin - Mild irritant	Pig	-	24 hours 250	-
		_		UI	
	Skin - Mild irritant	Rabbit	-	435 mg	-
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	
	Skin - Moderate irritant	Rabbit	-	500 mg	-
1,3,5-Trimethylbenzene	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-
				mg	
2-(2-Methoxyethoxy)-ethanol	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Eyes - Moderate irritant	Rabbit	-	500 mg	-
Cumene	Eyes - Mild irritant	Rabbit	-	24 hours 500	-
				mg	
	Eyes - Mild irritant	Rabbit	-	86 mg	-
	Skin - Mild irritant	Rabbit	-	24 hours 10	-
				mg	
	Skin - Moderate irritant	Rabbit	-	24 hours 100	-
				mg	

#### Sensitization

Not available.

#### **Mutagenicity**

Not available.

#### **Carcinogenicity**

Not available.

#### **Classification**

Product/ingredient name	OSHA	IARC	NTP
Fatty acids, C9-13-neo-, cobalt salts	-	2B	Reasonably anticipated to be a human carcinogen.
Cobalt Neodecanoate Toluene	-	2B 3	Reasonably anticipated to be a human carcinogen.
Cumene	-	2B	Reasonably anticipated to be a human carcinogen.

#### Reproductive toxicity

Not available.

#### **Teratogenicity**

Not available.

#### Specific target organ toxicity (single exposure)

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Name	Category	Route of exposure	Target organs
Light Aliphatic Hydrocarbon	Category 3	Not applicable.	Narcotic effects
	Category 3	Not applicable.	Respiratory tract irritation
Aliphatic Solvent	Category 3	Not applicable.	Narcotic effects
	Category 3	Not applicable.	Respiratory tract irritation
Diacetone Alcohol	Category 3	Not applicable.	Narcotic effects
	Category 3	Not applicable.	Respiratory tract irritation
Med. Aliphatic Hydrocarbon Solvent	Category 3	Not applicable.	Narcotic effects
	Category 3	Not applicable.	Respiratory tract irritation
Hydrotreated Heavy Petroleum Naphtha	Category 3	Not applicable.	Narcotic effects
	Category 3	Not applicable.	Respiratory tract irritation
1,2,4-Trimethylbenzene	Category 3	Not applicable.	Respiratory tract irritation
Fatty acids, C9-13-neo-, cobalt salts	Category 3	Not applicable.	Respiratory tract irritation
Light Aromatic Hydrocarbons	Category 3	Not applicable.	Narcotic effects
	Category 3	Not applicable.	Respiratory tract irritation
Toluene	Category 3	Not applicable.	Narcotic effects
	Category 3	Not applicable.	Respiratory tract irritation
1,3,5-Trimethylbenzene	Category 3	Not applicable.	Respiratory tract irritation
2-(2-Methoxyethoxy)-ethanol	Category 3	Not applicable.	Narcotic effects
	Category 3	Not applicable.	Respiratory tract irritation
Cumene	Category 3	Not applicable.	Narcotic effects
	Category 3	Not applicable.	Respiratory tract irritation

#### Specific target organ toxicity (repeated exposure)

Name	Category	Route of exposure	Target organs
Light Aliphatic Hydrocarbon	Category 2	Not determined	Not determined
Aliphatic Solvent	Category 2	Not determined	Not determined
Diacetone Alcohol	Category 2	Not determined	Not determined
Med. Aliphatic Hydrocarbon Solvent	Category 1	Not determined	Not determined
Hydrotreated Heavy Petroleum Naphtha	Category 2	Not determined	Not determined
Light Aromatic Hydrocarbons	Category 2	Not determined	Not determined
Toluene	Category 2	Not determined	Not determined
2-(2-Methoxyethoxy)-ethanol	Category 2	Not determined	Not determined
Cumene	Category 2	Not determined	Not determined

Aspiration hazard

Name	Result
Light Aliphatic Hydrocarbon	ASPIRATION HAZARD - Category 1
Aliphatic Solvent	ASPIRATION HAZARD - Category 1
Med. Aliphatic Hydrocarbon Solvent	ASPIRATION HAZARD - Category 1
Hydrotreated Heavy Petroleum Naphtha	ASPIRATION HAZARD - Category 1
1,2,4-Trimethylbenzene	ASPIRATION HAZARD - Category 1
Light Aromatic Hydrocarbons	ASPIRATION HAZARD - Category 1
Toluene	ASPIRATION HAZARD - Category 1
1,3,5-Trimethylbenzene	ASPIRATION HAZARD - Category 1
Cumene	ASPIRATION HAZARD - Category 1

Information on the likely routes of exposure	: Not available.
Potential acute health eff	ects
Eye contact	: No known significant effects or critical hazards.
Inhalation	<ul> <li>Can cause central nervous system (CNS) depression. May cause drowsiness or dizziness. May cause respiratory irritation. May cause allergy or asthma symptoms or breathing difficulties if inhaled.</li> </ul>
Skin contact	: May cause an allergic skin reaction.
Ingestion	: Can cause central nervous system (CNS) depression. May be fatal if swallowed and enters airways.
Symptoms related to the	physical, chemical and toxicological characteristics
Eye contact	: No specific data.
Inhalation	: Adverse symptoms may include the following: respiratory tract irritation coughing wheezing and breathing difficulties asthma nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness reduced fetal weight increase in fetal deaths skeletal malformations
Skin contact	: Adverse symptoms may include the following: irritation redness reduced fetal weight increase in fetal deaths skeletal malformations
Ingestion	: Adverse symptoms may include the following: nausea or vomiting reduced fetal weight increase in fetal deaths skeletal malformations
	effects and also chronic effects from short and long term exposure
Short term exposure	
Potential immediate effects	: Not available.
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	-
Potential delayed effects	: Not available.
<u>Long term exposure</u>	
Potential immediate effects	: Not available.
Potential delayed effects	: Not available.
Potential chronic health e	ffects
Not available.	
General	: Causes damage to organs through prolonged or repeated exposure. Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.
Carcinogenicity	<ul> <li>Suspected of causing cancer. Risk of cancer depends on duration and level of exposure.</li> </ul>
Mutagenicity	: No known significant effects or critical hazards.
Teratogenicity	: Suspected of damaging the unborn child.
Developmental effects	: No known significant effects or critical hazards.
Fertility effects	: Suspected of damaging fertility.

#### Numerical measures of toxicity

#### Acute toxicity estimates

Route	ATE value
Oral	39685.49 mg/kg
Inhalation (vapors)	222.16 mg/l

# Section 12. Ecological information

Product/ingredient name	Result	Species	Exposure
Light Aliphatic Hydrocarbon	Acute LC50 2200 µg/l Fresh water	Fish - Lepomis macrochirus	4 days
Aliphatic Solvent	Acute LC50 2200 µg/l Fresh water	Fish - Lepomis macrochirus	4 days
Diacetone Alcohol	Acute LC50 420000 µg/l Marine water	Fish - Menidia beryllina	96 hours
1,2,4-Trimethylbenzene	Acute LC50 4910 µg/l Marine water	Crustaceans - Elasmopus pectenicrus - Adult	48 hours
	Acute LC50 7720 µg/l Fresh water	Fish - Pimephales promelas	96 hours
Toluene	Acute EC50 12500 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 11600 µg/l Fresh water	Crustaceans - Gammarus pseudolimnaeus - Adult	48 hours
	Acute EC50 6000 μg/l Fresh water	Daphnia - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling)	48 hours
	Acute LC50 5500 µg/l Fresh water	Fish - Oncorhynchus kisutch - Fry	96 hours
	Chronic NOEC 1000 µg/l Fresh water	Daphnia - Daphnia magna	21 days
1,3,5-Trimethylbenzene	Acute LC50 13000 µg/l Marine water	Crustaceans - Cancer magister - Zoea	48 hours
	Acute LC50 12520 µg/l Fresh water	Fish - Carassius auratus	96 hours
	Chronic NOEC 400 µg/l Fresh water	Daphnia - Daphnia magna	21 days
2-(2-Methoxyethoxy)-ethanol	Acute EC50 >930 ppm Fresh water	Daphnia - Daphnia magna	48 hours
	Acute LC50 7500000 µg/l Fresh water	Fish - Lepomis macrochirus	96 hours
Cumene	Acute EC50 2600 µg/l Fresh water	Algae - Pseudokirchneriella subcapitata	72 hours
	Acute EC50 7.4 mg/l Marine water	Crustaceans - Artemia sp	48 hours
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Acute EC50 10.6 mg/l Fresh water	Nauplii Daphnia - Daphnia magna - Neonate	48 hours
Acute LC50 2700 μg/l Fresh water	Fish - Oncorhynchus mykiss	96 hours

#### Persistence and degradability

Product/ingredient name	Aquatic half-life	Photolysis	Biodegradability
Light Aromatic Hydrocarbons Toluene	-	-	Readily Readily

#### **Bioaccumulative potential**

Product/ingredient name	LogPow	BCF	Potential
Hydrotreated Heavy	-	10 to 2500	high
Petroleum Naphtha			_
Zirconium 2-Ethylhexanoate	-	2.96	low
1,2,4-Trimethylbenzene	-	243	low
Light Aromatic Hydrocarbons	-	10 to 2500	high
Cobalt Neodecanoate	-	15600	high
Toluene	-	90	low
1,3,5-Trimethylbenzene	-	161	low
Calcium 2-Ethylhexanoate	-	2.96	low
Cumene	-	35.48	low

#### Mobility in soil

#### Soil/water partition coefficient (Koc)

: Not available.

#### Other adverse effects

: No known significant effects or critical hazards.

### Section 13. Disposal considerations

**Disposal methods** 

: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

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# Section 14. Transport information

Spice Brown

	DOT Classification	TDG Classification	Mexico Classification	ΙΑΤΑ	IMDG
UN number	UN1263	UN1263	UN1263	UN1263	UN1263
UN proper shipping name	PAINT	PAINT	PAINT	PAINT	PAINT. Marine pollutant (Light Aliphatic Hydrocarbon, Meo Aliphatic Hydrocarbon Solvent)
Transport	3	3	3	3	3
hazard class(es)					
Packing group	III	111	111	111	111
Environmental hazards	No.	No.	No.	Yes. The environmentally hazardous substance mark is not required.	Yes.
Additional information	This product may be re-classified as "Combustible Liquid," unless transported by vessel or aircraft. Non-bulk packages (less than or equal to 119 gal) of combustible liquids are not regulated as hazardous materials.	Product classified as per the following sections of the Transportation of Dangerous Goods Regulations: 2.18-2.19 (Class 3).		The environmentally hazardous substance mark may appear if required by other transportation regulations.	The marine pollutant mark is not required when transported in sizes of ≤5 L or ≤5 kg. <u>Emergency</u> <u>schedules</u> F-E, S E
	ERG No. 128	ERG No. 128	ERG No. 128		
Special precaution Transport in bulk a to Annex II of MAR the IBC Code	ns for user : Multi-r consic mode suitab to ship of the dange and or according : Not ava POL and	nodal shipping descr ler container sizes. T of transport (sea, air ly for that mode of tra oment, and compliand person offering the p rous goods must be n all actions in case of	iptions are provided he presence of a sh , etc.), does not indi ansport. All packagin ce with the applicab product for transport trained on all of the	hipping description for icate that the producing must be reviewed le regulations is the People loading and risks deriving from t	or a particular t is packaged I for suitability prior sole responsibility I unloading
	Ship ty	ре	: Not available.		
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### Section 14. Transport information

**Pollution category** 

: Not available.

### Section 15. Regulatory information

#### SARA 313

SARA 313 (40 CFR 372.45) supplier notification can be found on the Environmental Data Sheet.

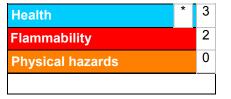
#### California Prop. 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

International regulations	
International lists	: Australia inventory (AICS): Not determined.
	China inventory (IECSC): Not determined.
	Japan inventory (ENCS): Not determined.
	Japan inventory (ISHL): Not determined.
	Korea inventory (KECI): Not determined.
	New Zealand Inventory of Chemicals (NZIoC): Not determined.
	Philippines inventory (PICCS): Not determined.
	Taiwan Chemical Substances Inventory (TCSI): Not determined.
	Thailand inventory: Not determined.
	Turkey inventory: Not determined.
	Vietnam inventory: Not determined.

### Section 16. Other information

Hazardous Material Information System (U.S.A.)



The customer is responsible for determining the PPE code for this material. For more information on HMIS® Personal Protective Equipment (PPE) codes, consult the HMIS® Implementation Manual.

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings and the associated label are not required on SDSs or products leaving a facility under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered trademark and service mark of the American Coatings Association, Inc.

Procedure used to derive the classification

Classification	Justification
FLAMMABLE LIQUIDS - Category 3	On basis of test data
RESPIRATORY SENSITIZATION - Category 1	Calculation method
SKIN SENSITIZATION - Category 1	Calculation method
CARCINOGENICITY - Category 2	Calculation method
TOXIC TO REPRODUCTION (Fertility) - Category 2	Calculation method
TOXIC TO REPRODUCTION (Unborn child) - Category 2	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Respiratory tract irritation) - Category 3	Calculation method
SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) (Narcotic effects) - Category 3	Calculation method
SPEČIFÍC TARGET ORGAN TOXICITY (REPEATED EXPOSURE) - Category 1 ASPIRATION HAZARD - Category 1	Calculation method Calculation method

#### <u>History</u>

**Date of printing** 

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### Section 16. Other information

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Key to abbreviations	<ul> <li>ATE = Acute Toxicity Estimate BCF = Bioconcentration Factor GHS = Globally Harmonized System of Classification and Labelling of Chemicals IATA = International Air Transport Association IBC = International Air Transport Association IBC = International Maritime Dangerous Goods LogPow = logarithm of the octanol/water partition coefficient MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution) N/A = Not available SGG = Segregation Group UN = United Nations</li> </ul>

✓ Indicates information that has changed from previously issued version.

#### Notice to reader

It is recommended that each customer or recipient of this Safety Data Sheet (SDS) study it carefully and consult resources, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. This information is provided in good faith and believed to be accurate as of the effective date herein. However, no warranty, express or implied, is given. The information presented here applies only to the product as shipped. The addition of any material can change the composition, hazards and risks of the product. Products shall not be repackaged, modified, or tinted except as specifically instructed by the manufacturer, including but not limited to the incorporation of products not specified by the manufacturer, or the use or addition of products in proportions not specified by the manufacturer. Regulatory requirements are subject to change and may differ between various locations and jurisdictions. The customer/buyer/user is responsible to ensure that his activities comply with all country, federal, state, provincial or local laws. The conditions for use of the product are not under the control of the manufacturer; the customer/buyer/user is responsible to determine the conditions necessary for the safe use of this product. The customer/buyer/user should not use the product for any purpose other than the purpose shown in the applicable section of this SDS without first referring to the supplier and obtaining written handling instructions. Due to the proliferation of sources for information such as manufacturer-specific SDS, the manufacturer cannot be responsible for SDSs obtained from any other source.