

Issue Date 09/22/2022

Revision Date 10/18/2022

Version 2

1. PRODUCT AND COMPANY IDENTIFICATION**Product Identifier**

Product Name Sparkle Concentrated Glass Cleaner

Other means of identification

Product Code 1130

Details of the supplier of the safety data sheetCompany Name Blue Cardinal Chemical, LLC
3670 Scarlet Oak Blvd.
St. Louis, MO 63122
800-325-3312**Emergency telephone number**

Emergency Telephone CHEMTEL 1-800-255-3924

2. HAZARDS IDENTIFICATION**Classification**

Safety data sheet prepared in accordance to the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Workplace Hazardous Materials Information System (WHMIS).

Acute toxicity Dermal	Category 3
Acute toxicity Oral	Category 3
Eye Irritation	Category 2A
Flammable Liquids	Category 2
Reproductive Toxicity	Category 2
Skin Irritation	Category 3
Specific Target Organ Toxicity - Single Exposure	Category 1
Specific Target Organ Toxicity - Single Exposure (Narcotic Effects)	Category 3

Label elements**Emergency Overview****DANGER****Hazard statements**

H311 - Toxic in contact with skin
H301 - Toxic if swallowed
H319 - Causes serious eye irritation
H361 - Suspected of damaging fertility or the unborn child
H316 - Causes mild skin irritation
H370 - Causes damage to organs.
H336 - May cause drowsiness or dizziness
H225 - Highly flammable liquid and vapor



Appearance: Blue liquid**Physical state:** Liquid**Odor:** Slight lemon fragrance**Precautionary Statements - Prevention**

P101 - If medical advice is needed, have product container or label at hand.
 P102 - Keep out of reach of children.
 P103 - Read label before use.
 P280 - Wear protective gloves, protective clothing, eye protection/face protection.
 P264 - Wash thoroughly after handling.
 P270 - Do not eat, drink or smoke when using this product.
 P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
 P233 - Keep container tightly closed.
 P240 - Ground/bond container and receiving equipment.
 P241 - Use explosion-proof electrical/ventilating/lighting equipment.
 P242 - Use only non-sparking tools.
 P243 - Take action to prevent static discharges.
 P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.
 P271 - Use only outdoors or in a well-ventilated area.

Precautionary Statements - Response

P302 + P352 - IF ON SKIN: Wash with plenty of water.
 P312 - Call a POISON CENTER/doctor if you feel unwell.
 P321 - Specific treatment (see First-Aid on this label).
 P361 + P364 - Take off immediately all contaminated clothing. And wash it before reuse.
 P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
 P330 - Rinse mouth.
 P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 P337 + P313 - If eye irritation persists: Get medical advice/attention.
 P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower.
 P370 + P378 - In case of fire: Use carbon-di oxide, alcohol foam, water spray or dry chemical to extinguish.
 P308 + P313 - IF exposed or concerned: Get medical advice/attention.
 P332 + P313 - If skin irritation occurs: Get medical advice/attention.
 P308 + P311 - IF exposed or concerned: Call a POISON CENTER/doctor.
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary Statements - Storage

P405 - Store locked up.
 P403 + P235 - Store in a well-ventilated place. Keep cool.
 P403 + P405 - Store in a well-ventilated place. Store locked up.

Precautionary Statements - Disposal

P501 - Dispose of contents/container in accordance with local/national/international regulations.

3. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
METHANOL 27% - 45%	0000067-56-1	27% - 45%	*
ISOPROPYL ALCOHOL	0000067-63-0	27% - 45%	*
NONYL PHENOL ETHOXYLATE	0127087-87-0	0.07% - 1%	*
D-LIMONENE	0005989-27-5	Trace	*
2,6-OCTADIENAL, 3,7-DIMETHYL-	0005392-40-5	Trace	*
OILS, LEMON	0008008-56-8	Trace	*
CYCLOHEXANOL, 3-(5,5,6-TRIMETHYLBICYCLO[2.2.1]HEPT-2-YL)-	0003407-42-9	Trace	*
MAGNESIUM NITRATE	0010377-60-3	Trace	*

CHEMICAL NAME	CAS NO.	WEIGHT - %	TRADE SECRET
5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE	0026172-55-4	Trace	*
DIPROPYLENE GLYCOL	0025265-71-8	Trace	*
TERPINEOL	0008000-41-7	Trace	*
1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, 3-ACETATE	0000115-95-7	Trace	*
DODECANAL	0000112-54-9	Trace	*
DECANAL	0000112-31-2	Trace	*
OILS, LEMONGRASS	0008007-02-1	Trace	*
OCTANAL	0000124-13-0	Trace	*
1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-	0000078-70-6	Trace	*
2-METHYL-4-ISOTHIAZOLIN-3-ONE	0002682-20-4	Trace	*
BUTYLATED HYDROXYTOLUENE	0000128-37-0	Trace	*
2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, (2E)-	0000106-24-1	Trace	*
2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, (2Z)-	0000106-25-2	Trace	*
6-OCTEN-1-OL, 3,7-DIMETHYL-	0000106-22-9	Trace	*
2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, 1-ACETATE, (2E)-	0000105-87-3	Trace	*
4H-PYRAN-4-ONE, 2-ETHYL-3-HYDROXY-	0004940-11-8	Trace	*

*The exact percentage (concentration) of composition has been withheld as a trade secret.

4. FIRST AID MEASURES

First aid measures

Skin Contact

Take off immediately all contaminated clothing, shoes and leather goods (e.g. watchbands, belts). Wash with plenty of lukewarm, gently flowing water for a duration of 15-20 minutes or until medical aid is available. Immediately call a POISON CENTER or doctor. If breathing has stopped, trained personnel should begin rescue breathing or, if the heart has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED). Avoid mouth-to-mouth contact by using a barrier device. Store contaminated clothing under water and wash before re-use or discard.

Eye Contact

Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes or until medical aid is available. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

Inhalation

Remove source of exposure or move person to fresh air and keep comfortable for breathing. If breathing is difficult, trained personnel should administer emergency oxygen if advised to do so by the POISON CENTER/doctor. Eliminate all ignition sources if safe to do so. Get Medical advice/attention if you feel unwell. If exposed/ If you feel unwell/If concerned: Call a POISON CENTER/doctor. Take precautions to ensure your own safety (e.g. wear appropriate protective equipment).

Ingestion

Rinse mouth. Immediately call a POISON CENTER or doctor. If breathing has stopped, immediately start cardiopulmonary resuscitation (CPR) or automated external defibrillation (AED).

Most important symptoms and effect, both acute and delayed

Symptoms

No data available.

Indication of any immediate medical attention and special treatment needed**Note to physicians**

Treat according to symptoms (decontamination, vital functions), no known specific antidote. Treatment should be supportive and based on the judgement of the physician in response to the reaction of the patient.

5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Small Fire : Dry chemical, foam, carbon dioxide, water-spray or alcohol-resistant foam. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Large Fire : Water spray, fog or alcohol-resistant foam.

Unsuitable extinguishing media: Do not use straight stream of water.

Specific hazards arising from the chemical

Fire will produce irritating gases. Most vapors are heavier than air. Vapors may form explosive mixtures with air. Vapors will spread along ground and collect in low or confined areas (sewers, basements, tanks). Vapors may travel to source of ignition and flash back. Many liquids are lighter than water. Containers may explode in fire. May form an ignitable vapor/air mixture in closed tanks or containers.

Protective equipment and precautions for firefighters

Fire-fighting Procedures: Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Cool containers with flooding quantities of water until well after fire is out. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid. Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions: Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions, protective equipment and emergency procedures****Personal precautions**

Do not get on skin, eyes or clothing. Do not breathe vapor or mist. Wear chemical protective clothing and positive pressure self-contained breathing apparatus (SCBA). Evacuate and isolate hazard area and keep unauthorized personnel away. Stay uphill and/or upstream. Ventilate closed spaces before entering. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). All equipment used when handling the product must be grounded. A vapor-suppressing foam may be used to reduce vapors.

Environmental precautions**Environmental precautions**

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers. Dike far ahead of liquid spill for later disposal.

Methods and material for containment and cleaning up**Methods for containment & cleaning up**

Ventilate area after clean-up is complete. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Use clean, non-sparking tools to collect absorbed material.

7. HANDLING AND STORAGE**Precautions for safe handling****Advice on Safe Handling**

Wash hands after use. Do not get in eyes, on skin, or on clothing. Avoid breathing vapor or mist. Use good personal hygiene practices. Eating, drinking and smoking in work areas is prohibited. Remove contaminated clothing and protective equipment before entering eating areas. Eyewash stations and showers should be available in areas where this material is used and stored. All containers must be properly labelled. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

Conditions for safe storage, including any incompatibilities**Storage Conditions**

Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage. Indoor storage should meet OSHA standards and appropriate fire codes. Empty containers retain residue and may be dangerous. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and strong oxidizers. Store in approved containers and protect against physical damage. Take precautionary measures against electrostatic discharge. To avoid fire or explosion, dissipate static electricity during transfer by ground and bonding containers and equipment before transferring material. Use non-sparking ventilation systems, approved explosion-proof equipment and intrinsically safe electrical systems in areas where this product is used and stored.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION**Appropriate engineering controls****Engineering Controls**

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Individual protection measures, such as personal protective equipment**Eye/face protection**

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids.

Skin and body protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 should be followed. Check with respiratory protective equipment suppliers.

Control parameters

CHEMICAL NAME	CANtppm	CANtmg	CANsppm	CANsmg	CAN_ONsmg	CAN_ONtmg	CAN_ONspmm
2,6-OCTADIENAL, 3,7-DIMETHYL-							
BUTYLATED HYDROXYTOLUENE		10		20			
ISOPROPYL ALCOHOL	400	983	500	1228			
METHANOL	200	262	250	328			

CHEMICAL NAME	CAN_ONtppm	CAN_QCVERMP ppm - CANADA_QUE BEC VALEUR D'EXPOSITION MOYENNE PONDÉRÉE_ppm	CAN_QCVERMP mg - CANADA_QUE BEC VALEUR D'EXPOSITION MOYENNE PONDÉRÉE_mg	CAN_QCVERMP mg - CANADA_QUE BEC VALEUR D'EXPOSITION MOYENNE PONDÉRÉE_mg	CAN_QCVERCD mg - CANADA_QUE BEC VALEUR D'EXPOSITION MOYENNE PONDÉRÉE_mg	CAN_ALtppm
2,6-OCTADIENAL, 3,7-DIMETHYL-						
BUTYLATED HYDROXYTOLUENE			2			
ISOPROPYL ALCOHOL		400	985	500	1230	200
METHANOL		200	262	250	328	200

CHEMICAL NAME	CAN_ALtmg	CAN_ALsmg	CAN_AL_Notation	CAN_AL_Carcinogen	CAN_ALsppm	ACGIH TWA (mg/m3)
2,6-OCTADIENAL, 3,7-DIMETHYL-						
BUTYLATED HYDROXYTOLUENE	10		3: Occupational exposure limit is based on irritation effects and its adjustment to compensate for unusual work schedules is not required.		400	2 (IFV)
ISOPROPYL ALCOHOL	492	984				
METHANOL	262	328	1: Substance may be readily absorbed through intact skin.		250	

CHEMICAL NAME	ACGIH TWA (ppm)	ACGIH STEL (mg/m3)	ACGIH STEL (ppm)	ACGIH Carcinogen	ACGIH TLV Basis	ACGIH Notations
2,6-OCTADIENAL, 3,7-DIMETHYL-	5 (IFV)			A4	Body weight eff; URT irr; eye dam	Skin; DSEN; A4
BUTYLATED HYDROXYTOLUENE				A4	URT irr	A4
ISOPROPYL ALCOHOL	200		400	A4	Eye & URT irr; CNS impair	A4; BEI
METHANOL	200		250		Headache; eye dam; dizziness; nausea	Skin; BEI

CHEMICAL NAME	OSHA TWA (mg/m3)	OSHA TWA (ppm)	OSHA STEL (mg/m3)	OSHA STEL (ppm)	OSHA Carcinogen	OSHA Skin designation
2,6-OCTADIENAL, 3,7-DIMETHYL-						
BUTYLATED HYDROXYTOLUENE						
ISOPROPYL ALCOHOL	980	400				
METHANOL	260	200				

CHEMICAL NAME	OSHA Tables (Z1, Z2, Z3)	NIOSH TWA (mg/m3)	NIOSH TWA (ppm)	NIOSH STEL (mg/m3)	NIOSH STEL (ppm)	NIOSH Carcinogen
2,6-OCTADIENAL, 3,7-DIMETHYL-						
BUTYLATED HYDROXYTOLUENE		10				
ISOPROPYL ALCOHOL	1	980	400	1225	500	
METHANOL	1	260	200	325	250	

(C) - Ceiling limit, (IFV) - Inhalable fraction and vapor, A4 - Not Classifiable as a Human Carcinogen, BEI - Substances for which there is a Biological Exposure Index or Indices, CNS - Central nervous system, dam - Damage, DSEN - Dermal sensitization, eff - Effects, impair - Impairment, irr - Irritation, URT - Upper respiratory tract

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical State	Liquid
Appearance	Blue liquid
Color	Blue
Odor	Slight lemon fragrance
Odor Threshold	N/A

Property

Values

pH	7–8
Water Solubility	Soluble in water
Flammability	N/A
Flash Point Symbol	N/A
Flash Point	N/A
Viscosity	N/A
Lower Explosion Level	N/A
Upper Explosion Level	N/A
Vapor Pressure	N/A
Vapor Density	N/A
Freezing Point	N/A
Melting Point	N/A
Low Boiling Point	N/A
High Boiling Point	N/A
Auto Ignition Temp	N/A
Decomposition Pt	N/A
Evaporation Rate	N/A
Coefficient Water/Oil	N/A

Other Information

Density	6.83337 lb/gal
Specific Gravity	0.81882
% VOC	71.53650%
Density VOC	4.88836 lb/gal
% HAPS	35.77310%
Density HAPS	2.44451 lb/gal
% VHAPS	35.77310%
Density VHAPS	2.44451 lb/gal
% Solids By Weight	0.94150%

10. STABILITY AND REACTIVITY**Chemical Stability**

Stable under normal storage and handling conditions.

Possibility Of Hazardous Reactions

Will not occur.

Conditions To Avoid

Avoid all possible sources of ignition, heat, sparks, flame, build up of static electricity and contact with incompatible materials.

Incompatible Materials

Strong bases, acids, and oxidizing agents.

Hazardous Decomposition Products

Oxides of carbon.

11. TOXICOLOGICAL INFORMATION**Information on likely routes of exposure** Inhalation, Ingestion, Skin contact, Eye contact**Product Information**

Skin Contact	Causes mild skin irritation. 0000067-63-0 ISOPROPYL ALCOHOL. Contact can irritate and burn the skin. Prolonged or repeated contact can cause a skin rash, itching, dryness and redness.
Eye Contact	Causes serious eye irritation. 0000067-56-1 METHANOL. Can irritate the eyes and can cause blurred vision and blindness. 0000067-63-0 ISOPROPYL ALCOHOL. Liquid irritates eyes and may cause injury.

Information on toxicological effects

Symptoms	Inhalation, Ingestion, Skin contact, Eye contact 0000067-63-0 ISOPROPYL ALCOHOL The substance can be absorbed into the body by inhalation of its vapour.
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Potential Health Effects - Miscellaneous

0000067-56-1 METHANOL

Increased susceptibility to the effects of this material may be observed in people with preexisting disease of any of the following: eyes, kidneys, liver, skin. Excessive human exposure to methanol may lead to: fatigue, headache, anaesthetic, neurologic effects, and visual difficulties including blindness or death. Recurrent overexposure may result in liver and kidney injury. Has been toxic to the fetus in laboratory animals at doses that are toxic to the mother. Ingestion may cause any of the following: blindness. Eye contact may cause any of the following: conjunctivitis, mild irritation, corneal opacity.

0000067-63-0 ISOPROPYL ALCOHOL

The following medical conditions may be aggravated by exposure: dermatitis, respiratory disease. Developmental toxicity was seen in rat's offspring at doses that were maternally toxic. Contact will cause moderate to severe redness and swelling, itching, tingling sensation, painful burning. May cause injury to the cornea of the eyes. Prolonged or repeated exposure may cause damage to any of the following organs/systems: liver. Ingestion studies on laboratory animals showed that very high oral doses caused increased liver and kidney weights.

0000067-63-0 ISOPROPYL ALCOHOL

LC50 (rat): 17000 ppm (4-hour exposure); cited as 12000 ppm (8-hour exposure) (18)

LD50 (oral, male rat): 4710 mg/kg (cited as 6.0 mL/kg) (19)

LD50 (oral, mouse): 3600 mg/kg (20, unconfirmed)

LD50 (dermal, rabbit): 12870 mg/kg (cited as 16.4 mL/kg) (14)

0000067-56-1 METHANOL

LC50 (rat): 64000 ppm (4-hour exposure) (14, unconfirmed)

LD50 (oral, rat): 5628 mg/kg (14, unconfirmed)

LD50 (oral, 14-day old rat): 5850 mg/kg (cited as 7.4 mL/kg) (15)

LD50 (oral, young adult rat): 10280 mg/kg (cited as 13.0 mL/kg) (15)

LD50 (oral, monkey): 3000 mg/kg (1/1 animal died) (16) LD50 (dermal, rabbit): 15800 mg/kg (cited as 20 mL/kg) (17 citing unpublished information)

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization	Based on available data, the classification criteria are not met. 0000067-56-1 METHANOL. Prolonged or repeated contact can cause a skin rash, dryness, redness and cracking of the skin.
Germ Cell Mutagenicity	Based on available data, the classification criteria are not met.
Carcinogenicity	Based on available data, the classification criteria are not met.
Reproductive Toxicity	Suspected of damaging fertility or the unborn child. 0000067-56-1 METHANOL. May be a teratogen in humans since it is a teratogen in animals.
STOT - Single Exposure	Causes damage to organs. May cause drowsiness or dizziness. 0000067-56-1 METHANOL. May damage the liver, kidneys and nervous system. 0000067-63-0 ISOPROPYL ALCOHOL. Vapors cause mild irritation of upper respiratory tract; high concentrations may be anesthetic.
STOT - Repeated Exposure	Based on available data, the classification criteria are not met. 0000067-63-0 ISOPROPYL ALCOHOL. Repeated high exposure can cause headache, dizziness, confusion, loss of coordination, unconsciousness and even death.
Acute Toxicity	Toxic in contact with skin. Toxic if swallowed. The Acute Toxicity Estimate (ATE) for an oral exposure to this mixture is 213.758 mg/kg body weight. The Acute Toxicity Estimate (ATE) for a dermal exposure to this mixture is 668.371 mg/kg body weight. The Acute Toxicity Estimate (ATE) for an inhalation (dust and mist) exposure to this mixture is >5 mg/l. 0000067-56-1 METHANOL. Inhalation can irritate the nose, throat and lungs causing coughing, wheezing and/or shortness of breath. Can cause nausea, vomiting, diarrhea and abdominal pain. Exposure to high concentrations can cause headache, dizziness, drowsiness, fatigue, loss of consciousness and death. Methanol is readily absorbed by inhalation, ingestion and dermal exposure and is rapidly distributed to tissues according to the distribution of body water. 0000067-63-0 ISOPROPYL ALCOHOL. If ingested causes drunkenness and vomiting. Inhalation can irritate the nose and throat. LC50 (Rat, Inhalation) = 16,000 ppm/8H Reference : Registry of Toxic Effects of Chemical Substances If ingested causes drunkenness and vomiting. Inhalation can irritate the nose and throat.
Aspiration Hazard	Based on available data, the classification criteria are not met.

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Based on available data, the classification criteria are not met. 0002682-20-4 2-METHYL-4-ISOTHIAZOLIN-3-ONE. LC50(Fish - Bluegill , 96 hrs) : 0.3 mg/L

Soil Mobility

0000067-56-1 METHANOL. Will not adsorb on soil.

Persistence and Degradability

0000067-56-1 METHANOL. 72% aerobic biodegradability. Readily biodegradable. 0000067-63-0 ISOPROPYL ALCOHOL. Readily biodegradable. 0025265-71-8 DIPROPYLENE GLYCOL. Biodegradable.

Bioaccumulation

0000067-63-0 ISOPROPYL ALCOHOL. Substance is not expected to bioaccumulate. 0025265-71-8 DIPROPYLENE GLYCOL. Bioaccumulation is not expected.

Other Adverse Effects

No data available.

Results of the PBT and vPvB assessment

0000067-56-1 METHANOL. The substance is not PBT / vPvB. 0000067-63-0 ISOPROPYLALCOHOL. Substance is readily biodegradable and therefore not considered to be persistent. It is not expected to bioaccumulate as it has a Log Kow. < 4.5 and aquatic acute toxicity greatly exceeds the screening criteria of EC50 < 0.1 mg/l.

13. DISPOSAL CONSIDERATIONS**Waste treatment methods****Disposal of wastes**

It is the responsibility of the user of the product to determine at the time of disposal whether the product meets local criteria for hazardous waste. Waste management should be in full compliance with national, state and local laws. Empty Containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

14. TRANSPORT INFORMATION

The basic description below is specific to the container size. This information is provided for at a glance DOT information. Please refer to the container and/or shipping papers for the appropriate shipping description before tendering this material for shipment. For additional information, please contact the distributor listed in section 1 of this SDS.

	U.S. DOT Information	IMDG Information	IATA Information	Canada TDG Information
UN Number:	UN1992	UN1992	UN1992	UN1992
Proper shipping name:	Flammable liquids, toxic, n.o.s.			
Hazard Class:				3
Hazard Class:	3 (6.1)	3 (6.1)	3 (6.1)	
Packaging:	II	II	II	II
Hazardous substance (RQ):	No Data Available			No Data Available
Marine Pollutant:	No Data Available	No Data Available		No Data Available
Note / Special Provision:	No Data Available	No Data Available	No Data Available	No Data Available
Toxic-Inhalation Hazard:	No Data Available			No Data Available

15. REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0008007-02-1	OILS, LEMONGRASS	Trace	DSL,SARA312,TSCA
0000124-13-0	OCTANAL	Trace	DSL,SARA312,TSCA
0000078-70-6	1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-	Trace	DSL,SARA312,TSCA
0002682-20-4	2-METHYL-4-ISOTHIAZOLIN-3-ONE	Trace	DSL,SARA312,TSCA,TSCA_SNUR - TSCA Significant New Use Rules (SNURs), TSCA_PMN - TSCA Pre-manufacture Notices (PMNs)
0000128-37-0	BUTYLATED HYDROXYTOLUENE	Trace	Canada_NPRI,DSL,SARA312,IARCCarcinogen,TSCA,MA_RightToKnow - MASSACHUSETTS RIGHT TO KNOW
0000106-24-1	2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, (2E)-	Trace	DSL,SARA312,TSCA
0000106-25-2	2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, (2Z)-	Trace	DSL,SARA312,TSCA
0000106-22-9	6-OCTEN-1-OL, 3,7-DIMETHYL-	Trace	DSL,SARA312,TSCA
0000105-87-3	2,6-OCTADIEN-1-OL, 3,7-DIMETHYL-, 1-ACETATE, (2E)-	Trace	DSL,SARA312,TSCA
0004940-11-8	4H-PYRAN-4-ONE, 2-ETHYL-3-HYDROXY-	Trace	DSL,SARA312,TSCA
0000067-56-1	METHANOL	27% - 45%	SARA313, Canada_NPRI,DSL,CERCLA,HAPS,SARA312,OC_HAPS,TSCA,RCRA,NEI - National Emissions Inventory, CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Develop - CA_Proposition65_Type_Toxicity_Developmental,Canada_ON_419,MA_RightToKnow - MASSACHUSETTS RIGHT TO KNOW
0000067-63-0	ISOPROPYL ALCOHOL	27% - 45%	SARA313, Canada_NPRI, DSL,SARA312, IARCCarcinogen, TSCA, Canada_ON_419, MA_RightToKnow - MASSACHUSETTS RIGHT TO KNOW
0127087-87-0	NONYL PHENOL ETHOXYLATE	0.07% - 1%	SARA313, Canada_NPRI,DSL,CEPA_S1,SARA312,TSCA
0005989-27-5	D-LIMONENE	Trace	Canada_NPRI,DSL,SARA312,IARCCarcinogen,TSCA
0005392-40-5	2,6-OCTADIENAL, 3,7-DIMETHYL-	Trace	DSL,SARA312,TSCA
0008008-56-8	OILS, LEMON	Trace	DSL,SARA312,TSCA
0003407-42-9	CYCLOHEXANOL, 3-(5,5,6-TRIMETHYLBICYCLO[2.2.1]HEPT-2-YL)-	Trace	DSL,SARA312,TSCA
0010377-60-3	MAGNESIUM NITRATE	Trace	Canada_NPRI,DSL,SARA312,TSCA,MA_RightToKnow - MASSACHUSETTS RIGHT TO KNOW
0026172-55-4	5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE	Trace	DSL,SARA312,TSCA,TSCA_SNUR - TSCA Significant New Use Rules (SNURs),TSCA_PMN - TSCA Pre-manufacture Notices (PMNs)
0025265-71-8	DIPROPYLENE GLYCOL	Trace	DSL,SARA312,TSCA
0008000-41-7	TERPINEOL	Trace	DSL,SARA312,TSCA
0000115-95-7	1,6-OCTADIEN-3-OL, 3,7-DIMETHYL-, 3-ACETATE	Trace	DSL,SARA312,TSCA
0000112-54-9	DODECANAL	Trace	DSL,SARA312,TSCA
0000112-31-2	DECANAL	Trace	DSL,SARA312,TSCA

16. OTHER INFORMATION**Issue Date** 10/18/2022**Revision Date** 09/22/2022**Revision Note****N/A = Not Applicable; N/D = Not Determined****Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

End of Safety Data Sheet