

Issue date 13-Jul-2018

Revision date 13-Sep-2019

Revision Number 3

1. IDENTIFICATION**Product identification**

Product identifier Drummond™ Burn-Out Oven and Grill Cleaner

Other means of identification 1505359

Recommended use Cleaner

Restrictions on use For industrial use only

Supplier

Corporate Headquarters:
Drummond™, A Lawson Brand
Lawson Products, Inc.
8870 W. Bryn Mawr Ave., Suite 900
Chicago, IL 60631
(866) 837-9908

Canadian Distribution Center:
Lawson Canada
7315 Rapistan Court
Mississauga, ON L5N 5Z4
(800) 323-5922

24 Hour Emergency Phone Number (888) 426-4851 (Prosar)

Website <https://www.lawsonproducts.com>

2. HAZARD(S) IDENTIFICATION

Hazard Classification This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200), WHMIS 2015 and GHS Regulations.

Acute toxicity - Oral	Category 3
Acute toxicity - Inhalation	Category 4
Skin corrosion/irritation	Category 1C
Serious eye damage/eye irritation	Category 1
Specific target organ toxicity (single exposure)	Category 3
Corrosive to metals	Category 1

Symbol

Signal word DANGER

Hazard statements H290 - May be corrosive to metals

H301 - Toxic if swallowed
H314 - Causes severe skin burns and eye damage
H332 - Harmful if inhaled
H335 - May cause respiratory irritation

Precautionary statements

General

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.

Prevention

P234 - Keep only in original container
P260 - Do not breathe dust/fume/gas/mist/vapors/spray
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear protective gloves/protective clothing and eye/face protection
P264 - Wash hands thoroughly after handling
P270 - Do not eat, drink or smoke when using this product

Response

General

P321 - For Specific treatment see section 4 of this sds

Eyes

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing
P310 - Immediately call a POISON CENTER or doctor/physician

Skin

P303 + P361 + P353 - IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower
P363 - Wash contaminated clothing before reuse
P310 - Immediately call a POISON CENTER or doctor/physician

Inhalation

P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing
P310 - Immediately call a POISON CENTER or doctor/physician

Ingestion

P301 + P330 + P331 - IF SWALLOWED: rinse mouth. Do NOT induce vomiting
P310 - Immediately call a POISON CENTER or doctor/physician

Spill

P390 - Absorb spillage to prevent material damage

Storage

P405 - Store locked up
P406 - Store in corrosion resistant container with a resistant inner liner

Disposal

P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations as applicable

Hazard(s) Not Otherwise Classified (HNOC)

None known.

Physical Hazards Not Otherwise Classified (PHNOC)

None known.

Unknown acute toxicity

None known.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition

Mixture.

Chemical name	CAS-No	Weight %
Water	7732-18-5	>70
Potassium hydroxide	1310-58-3	8-15
Diethylene glycol monomethyl ether	111-77-3	3-10
Sodium Citrate	6132-04-03	3-5
Arsenic	7440-38-2	<0.3

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information	After first aid, IMMEDIATELY seek appropriate in plant, paramedic or community medical support.
Inhalation	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Rest in a half upright position, and loosen clothing. If breathing is difficult, administer oxygen. If breathing has stopped, give artificial respiration. Seek medical advice after significant exposure. Get medical attention immediately.
Ingestion	Do NOT induce vomiting. Rinse mouth with water. Vomiting may cause aspiration pneumonia. If spontaneous vomiting occurs, have victim lean forward with head down to prevent aspiration of fluid into the lungs.
Skin contact	Immediately wash with water and soap and rinse thoroughly. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Get medical attention immediately.
Eye contact	Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Keep eye wide open while rinsing. Get medical attention immediately.
Most important symptoms (acute)	Nasal irritation. Nausea. Dizziness. Coughing. Headache. Shortness of breath. Weakness. Face discoloration. Causes eye irritation. Irritating to mouth, throat and stomach.
Most important symptoms (over-exposure)	Not available.
Indication of any immediate medical attention and special treatment needed	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media	Water spray. Dry chemical. Carbon dioxide (CO ₂). Alcohol resistant foam.
Unsuitable extinguishing media	Dilution with water creates heat.
Specific hazards	Formation of toxic gases is possible during heating or in case of fire. Nitrogen oxides (NO _x). Product may react with some metals (Aluminum, Zinc, Tin) to release hydrogen gas.
Special protective equipment for fire-fighters	Under normal conditions this product is not combustible. Use extinguishing media appropriate to surrounding fire. Use water spray or fog for cooling exposed containers. Do not allow run-off from fire fighting to enter drains or water courses. Stay upwind and keep out of low areas. Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive

pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protection recommended in Section 8. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. See information in section 7 for safe handling. Keep unnecessary people away, isolate hazard area and deny entry. Eliminate all ignition sources (no smoking, flares, sparks or flames in immediate area). Ventilate the area. Keep unnecessary and unprotected personnel from entering the area.

Methods and materials for containment and cleaning up

Use clean non-sparking tools to collect absorbed material. Stop leak if you can without risk. Small Spill: Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. For large spills, provide diking or other appropriate containment to keep material from spreading. Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers. Do not use water to flush spill area. Neutralize remaining spilled material with a dilute solution of acid if the spilled material is an alkaline or a dilute solution of caustic if the spilled material is acidic. Clean up residue with soap and water. Do not flush into surface water or sanitary sewer system. Report spills as required by local and federal regulations.

7. HANDLING AND STORAGE

Precautions for safe handling

Handle with special care. Do not get in eyes, on skin, or on clothing. Harmful if absorbed through the skin or inhaled. Harmful if swallowed. Wear personal protective equipment. Wash thoroughly after handling. Remove contaminated clothing and footwear. Do not breathe dust/fume/gas/mist/vapors/spray. Use with adequate ventilation. Do not ingest. Do not cut, drill, grind, or weld near containers. Keep the container closed when not in use. Never use pressure to empty. Always open containers slowly to allow any excess pressure to vent. Vapors are combustible to open flames. Use in an area that will allow for evaporation or run off. Prevent contamination of soil, drains and surface waters.

Conditions for safe storage, including any incompatibilities

Keep away from sources of heat and direct sunlight. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Keep from freezing. Do not store in unlabeled or mislabeled containers. Keep container closed when not in use. Empty containers retain product residue and can be hazardous. Observe label precautions. Keep out of reach of children.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Water	-	-	-
Potassium hydroxide	-	2 mg/m ³ Ceiling	-
Diethylene glycol monomethyl ether	-	-	-
Sodium Citrate	-	-	-
Arsenic	10 µg/m ³ TWA	0.01 mg/m ³ TWA	-

Appropriate engineering controls

Ensure adequate ventilation. Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces. Provide general or local exhaust ventilation systems using corrosive resistant materials to maintain airborne contaminants below any recommended or standard occupational exposure limits. Local exhaust ventilation is preferred because it prevents contamination dispersion into the work area by controlling it at its source. Engineering controls are recommended. See ANSI Z43.1. Refer to OSHA 29 CFR 1910.94. Ensure that eyewash stations and safety showers are close to the workstation location.

Individual protection measures, such as personal protective

equipment

Eye protection

Consult OSHA standard 1910.133. 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 or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

Skin and body protection

Wear impervious gloves to prevent contact with the skin. Nitrile gloves. Butyl rubber gloves. Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Respiratory protection

None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapors. In confined areas, use an approved air line respirator or hood. Self-contained breathing apparatus is required for vapor concentrations above PEL/TLV limits. A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

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.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundl and & Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatche wan - OEL
Water	-	-	-	-	-	-	-	-	-	-
Potassium hydroxide	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling	2 mg/m ³ Ceiling
Diethylene glycol monomethyl ether	-	-	-	-	-	-	-	-	-	-
Sodium Citrate	-	-	-	-	-	-	-	-	-	-
Arsenic	0.01 mg/m ³ TWA	0.01 mg/m ³ TWA 0.01 mg/m ³ TWA	0.01 mg/m ³ TWA	0.01 mg/m ³ TWA	0.01 mg/m ³ TWA 0.01 mg/m ³ TWA	0.01 mg/m ³ TWA	0.05 mg/m ³ STEL 0.01 mg/m ³ TWA 0.01 mg/m ³ TWA 0.01 mg/m ³ TWA 0.01 mg/m ³ TWA	0.01 mg/m ³ TWA 0.01 mg/m ³ TWA	0.1 mg/m ³ TWA 0.1 mg/m ³ TWA EV	0.03 mg/m ³ STEL 0.01 mg/m ³ TWA 0.01 mg/m ³ TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Liquid
Color	Clear, Yellow
Odor	Lemon
Odor threshold	Not available
pH	12.5 - 13.5
Melting point/range °C	Not applicable
Melting point/range °F	Not applicable

Boiling point/range °C	Not available
Boiling point/range °F	Not available
Flash point °C / °F	Not available
Evaporation rate	No data available
Flammability (Solid, Gas)	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	No data available
Vapor density	No data available
Relative density	1.073
Solubility	completely soluble in water
Partition coefficient (n-octanol/water)	Not available
Autoignition temperature °C	Not applicable
Autoignition temperature °F	Not applicable
Decomposition temperature °C	Not available
Decomposition temperature °F	Not available
Viscosity	500 cPs at 72°F

10. STABILITY AND REACTIVITY

Reactivity	No dangerous reactions under normal conditions of use.
Chemical stability	Stable at normal temperature and pressure. Avoid direct sunlight. Store at ambient or lower temperatures.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Do not allow can to exceed 120 degrees Fahrenheit. Keep away from acids. Prolonged contact with metals could produce small amounts of flammable hydrogen gas. Dilution with water creates heat. Reacts violently with organic materials.
Incompatible materials	Strong oxidizing agents. Reducing agents. Acids. organic materials.
Hazardous decomposition products	Carbon dioxide (CO ₂). Carbon monoxide. flammable hydrogen gas. toxic gases.

11. TOXICOLOGICAL INFORMATION

Information on likely routes	Dermal. Eyes. Ingestion. Inhalation.
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of exposure

Symptoms

May cause severe eye irritation. Corneal damage. Contact with eyes may cause severe irritation and possible chemical burns. May cause permanent impairment of vision. Causes skin irritation. Prolonged contact may cause redness and irritation. Skin burns. Repeated or prolonged exposure to spray or mist may produce respiratory tract irritation. Headache. Nausea or vomiting. Drowsiness/fatigue. Ingestion causes burns of the upper digestive and respiratory tracts. Ingestion may result in nausea, vomiting, diarrhea and pain.

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

Target Organ Effects: Eyes. Skin. Respiratory system.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Water	-	-	> 90 mL/kg (Rat)
Potassium hydroxide	-	-	= 284 mg/kg (Rat)
Diethylene glycol monomethyl ether	-	= 2500 µL/kg (Rabbit) = 650 mg/kg (Rabbit)	= 4 mL/kg (Rat)
Sodium Citrate	-	-	-
Arsenic	-	-	= 15 mg/kg (Rat) = 763 mg/kg (Rat)

ATEmix (dermal)

Not available

ATEmix (oral)

Not available

ATEmix (inhalation-gas)

Not available

ATEmix (inhalation-vapor)

Not available

ATEmix (inhalation-dust/mist)

Not available

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Water	-	-	-	-
Potassium hydroxide	-	-	-	-
Diethylene glycol monomethyl ether	-	-	-	-
Sodium Citrate	-	-	-	-
Arsenic	A1	Group 1	Listed	Known Carcinogen

Canadian Province carcinogenicity limits

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
Water	-	-	-	-	-	-
Potassium hydroxide	-	-	-	-	-	-
Diethylene glycol	-	-	-	-	-	-

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
monomethyl ether						
Sodium Citrate	-	-	-	-	-	-
Arsenic	A1 - Confirmed Human Carcinogen	ACGIH A1 ACGIH A1 IARC 1 IARC 1	ACGIH A1	ACGIH A1 ACGIH A1	ACGIH A1	-

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Water	-	-
Potassium hydroxide	-	80: 96 h <i>Gambusia affinis</i> mg/L LC50 static
Diethylene glycol monomethyl ether	500: 72 h <i>Desmodesmus subspicatus</i> mg/L EC50	7500: 96 h <i>Lepomis macrochirus</i> mg/L LC50 static 7500: 96 h <i>Lepomis macrochirus</i> mg/L LC50 5741: 96 h <i>Pimephales promelas</i> mg/L LC50
Sodium Citrate	-	-
Arsenic	-	-

Persistence and degradability Not available.

Bioaccumulation Does not bioaccumulate

Chemical name	CAS-No	Partition coefficient (log Kow)
Water 7732-18-5	7732-18-5	-
Potassium hydroxide 1310-58-3	1310-58-3	0.65 0.83
Diethylene glycol monomethyl ether 111-77-3	111-77-3	-0.682
Sodium Citrate 6132-04-03	6132-04-03	-
Arsenic 7440-38-2	7440-38-2	-

Mobility in soil This product is mobile in soil.

Other adverse effects Environmental Fate: High biochemical oxygen demand and high potential to cause oxygen depletion in aqueous systems. A high potential to affect aquatic organisms. High alkaline material. (pH of 13-14). If released to surface water this compound will cause the pH to rise depending on the buffering of the water body. Aquatic organisms become stressed as pH exceeds 9 and intolerant of pH in excess of 10

13. DISPOSAL CONSIDERATIONS

Disposal information This material as supplied, is a hazardous waste according to federal regulations (40 CFR 261). Do not dispose of waste into sewer. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Dispose of via licensed waste disposal contractor. Follow applicable NRC, CERCLA, SARA and RCRA regulations. Incinerate at a licensed waste disposal site with approved environmental authority. If this product is

altered, it is the responsibility of the user to determine whether the material meets the criteria for hazardous waste at the time of disposal.

Contaminated packaging

Combustible liquid and vapor. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning. Empty containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill, grind, or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition. Also, do not reuse container without commercial cleaning or reconditioning. Dispose in accordance with local, state and federal regulations.

14. TRANSPORTATION INFORMATION**Shipping Descriptions****DOT**

ID-No UN3266
Proper shipping name Corrosive Liquid, Basic, Inorganic, N.O.S. (Potassium Hydroxide Solution)
Hazard Class(es) 8
Packing group II
Special Provisions LTD QTY: 1L or <

TDG

ID-No UN3266
Proper shipping name Corrosive Liquid, Basic, Inorganic, N.O.S. (Potassium Hydroxide Solution)
Hazard Class(es) 8
Packing group II
Special Provisions LTD QTY: 1L or <

IATA

ID-No UN3266
Proper shipping name Corrosive Liquid, Basic, Inorganic, N.O.S. (Potassium Hydroxide Solution)
Hazard Class(es) 8
Packing group II
Special Provisions LTD QTY passenger aircraft 1L, cargo aircraft only 30L

IMDG/IMO

ID-No UN3266
Proper shipping name Corrosive liquid, basic, inorganic, n.o.s., (Potassium Hydroxide Solution)
Hazard Class(es) 8
Packing group II
Special Provisions Vessel storage location: B (review vessel storage requirements (49 CFR part 176). LTD QTY: 1L or <

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Water	7732-18-5	-	-	-
Potassium hydroxide	1310-58-3	-	-	-
Diethylene glycol monomethyl ether	111-77-3	-	-	-
Sodium Citrate	6132-04-03	-	-	-
Arsenic	7440-38-2	-	-	-

Special Precautions

Multi-modal shipping descriptions are provided for informational purposes and do not consider container size. The presence of a shipping description for a particular mode of transport (sea, air, etc.), does not indicate that the product is packaged suitably for that

mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport. People loading and unloading dangerous goods must be trained on all of the risks deriving from the substances and on all actions in case of emergency situations.

Always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

15. REGULATORY INFORMATION

State regulations

U.S. state Right-to-Know regulations

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Water	7732-18-5	-	-	X
Potassium hydroxide	1310-58-3	X	X	X
Diethylene glycol monomethyl ether	111-77-3	X	X	X
Sodium Citrate	6132-04-03	-	-	-
Arsenic	7440-38-2	X	X	X

California Prop. 65

Chemical name	CAS-No	California Prop. 65
Water	7732-18-5	-
Potassium hydroxide	1310-58-3	-
Diethylene glycol monomethyl ether	111-77-3	-
Sodium Citrate	6132-04-03	-
Arsenic	7440-38-2	Carcinogen

U.S. Federal Regulations

US EPA SARA 313

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Water	7732-18-5	-	-
Potassium hydroxide	1310-58-3	1000 lb 454 kg	-
Diethylene glycol monomethyl ether	111-77-3	-	1.0 %
Sodium Citrate	6132-04-03	-	-
Arsenic	7440-38-2	1 lb 0.454 kg	0.1 %

US EPA SARA 311/312 hazardous categorization

Acute Health Hazard

Chemical name	DSL/NDSL	Inventory - United States - Section 8(b) Inventory (TSCA)	U.S. - TSCA (Toxic Substances Control Act) - Section 12(b) - Export Notification
Water	X	X	-
Potassium hydroxide	X	X	-
Diethylene glycol monomethyl ether	X	X	-
Sodium Citrate	-	-	-
Arsenic	X	X	-

Legend X - Listed

Intentionally Added Ingredient**Nonfunctional Constituents**

Chemical name	CAS-No	Nonfunctional Constituents
Water	7732-18-5	Not listed
Potassium hydroxide	1310-58-3	Not listed
Diethylene glycol monomethyl ether	111-77-3	Not listed
Sodium Citrate	6132-04-03	Not listed
Arsenic	7440-38-2	Not listed

EU Fragrance Allergens

Chemical name	CAS-No	EU - Cosmetics (1223/2009) - Annex III - Fragrance Allergens
Water	7732-18-5	Not Listed
Potassium hydroxide	1310-58-3	LISTED
Diethylene glycol monomethyl ether	111-77-3	Not Listed
Sodium Citrate	6132-04-03	Not Listed
Arsenic	7440-38-2	Not Listed

California Cleaning Products RTK - Substances on Designated Lists

Chemical name	CAS-No	Substances in Designated Lists
Water	7732-18-5	Not listed
Potassium hydroxide	1310-58-3	Not listed
Diethylene glycol monomethyl ether	111-77-3	Present (CA Non-Cancer Hazards, [2292]) Present (CA Non-Cancer Hazards, [2292]); Present (applies to R-(OCH ₂ CH ₂) _n -OR', where n = 1, 2, or 3, R=Alkyl C7 or less, or R = Phenyl or Alkyl substituted phenyl, R' = H or Alkyl C7 or less, or OR' consisting of Carboxylic acid ester, Sulfate, Phosphate, Nitrate, or Sulfonate; US EPA PBTs, [428]); Present (including mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol, except Ethylene glycol monobutyl ether [EGBE]. See 40 CFR 63.62 for Redefinition of glycol ethers listed as hazardous air pollutants and 40 CFR 63.63 for deletion of EGBE; CA TACs, [430]) Present (CA Non-Cancer Hazards, [2292]); Present (applies to R-(OCH ₂ CH ₂) _n -OR', where n = 1, 2, or 3, R=Alkyl C7 or less, or R = Phenyl or Alkyl substituted phenyl, R' = H or Alkyl C7 or less, or OR' consisting of Carboxylic acid ester, Sulfate, Phosphate, Nitrate, or Sulfonate; US EPA PBTs, [428]); Present (including mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol, except Ethylene glycol monobutyl ether [EGBE]. See 40 CFR 63.62 for Redefinition of glycol ethers listed as hazardous air pollutants and 40 CFR 63.63 for deletion of EGBE; CA TACs, [430]) Present (CA Non-Cancer Hazards, [2292]); Present (applies to R-(OCH ₂ CH ₂) _n -OR', where n = 1, 2, or 3, R=Alkyl C7 or less, or R = Phenyl or Alkyl substituted phenyl, R' = H or Alkyl C7 or less, or OR' consisting of Carboxylic acid ester, Sulfate, Phosphate, Nitrate, or Sulfonate; US EPA PBTs, [428]); Present (including mono- and di- ethers of ethylene glycol, diethylene glycol, and triethylene glycol, except Ethylene glycol monobutyl ether [EGBE]. See 40 CFR 63.62 for Redefinition of glycol ethers listed as hazardous air pollutants and 40 CFR 63.63 for deletion of EGBE; CA TACs, [430])

Chemical name	CAS-No	Substances in Designated Lists
Sodium Citrate	6132-04-03	Not listed
Arsenic	7440-38-2	Not listed

16. OTHER INFORMATION

NFPA

Health	3
Flammability	0
Instability	1
Specific hazard	Corrosive

HMIS

Health	3
Flammability	0
Physical hazards	1

Notice: 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 are not required on SDSs 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 mark of the National Paint & Coatings Association (NPCA).

Prepared by Regulatory Affairs

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Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
ATE (Average Toxicity Estimate)
DSL/NDL (Domestic Substance List/Non-Domestic Substance List)
HMIS (Hazardous Materials Identification System)
IARC (International Agency for Research on Cancer)
IATA (International Air Transport Association)
IMDG/IMO (International Maritime Dangerous Goods/International Maritime Organization)
NFPA (National Fire Protection Association)
NTP (National Toxicology Program)
OEL (Occupational Exposure Level)
OSHA (Occupational Safety and Health Administration of the US Department of Labor)
PEL (Permissible Exposure Limit)
TSCA (Toxic Substances Control Act)
USEPA (United States Environmental Protection Agency)

Disclaimer

The information accumulated herein is believed to be accurate, but is not warranted to be, whether originating with the company or not. Recipients are advised to confirm in advance of need that the information is current, applicable, and suitable to their circumstances.

End of Safety Data Sheet