



SAFETY DATA SHEET

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT

Product Name: Dry Film Lubricant

Product Number: C400-2335

Intended Use: Lubricant

COMPANY IDENTIFICATION

Supplier: Chance Company
 210 North Allen Street
 Centralia, Missouri U.S.A.

Phone Number: (573) 682-8465
24 Hour Emergency (INFOTRAC): (800) 535-5053 (*US and Canada*)
 (352) 323-3500 (*International*)

SECTION 2 HAZARDS IDENTIFICATION

OSHA/HCS Status: This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)

CLASSIFICATION

Health	Environmental	Physical
<ul style="list-style-type: none"> • SKIN CORROSION/IRRITATION - Category 2 • SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)- Category 3 • ASPIRATION TOXICITY - Category 1 	<ul style="list-style-type: none"> • CHRONIC AQUATIC TOXICANT - Category 1 	<ul style="list-style-type: none"> • FLAMMABLE AEROSOLS - Category 1 • GASES UNDER PRESSURE - Compressed gas

LABELLING

Symbols:



Signal Word: Danger

Hazard Statements	Precautionary Statements
<ul style="list-style-type: none"> • H222: Extremely flammable aerosol. • H229: Pressurized container: May burst if heated • H304: May be fatal if swallowed and enters airways • H316: Causes mild skin irritation • H336: May cause drowsiness or dizziness • H410: Very toxic to aquatic life with long lasting effects 	<ul style="list-style-type: none"> • P201: Obtain special instructions before use • P202: Do not handle until all safety precautions have been read and understood • P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking • P211: Do not spray on an open flame or other ignition source • P251: Pressurized container: Do not pierce or burn, even after use • P261: Avoid breathing dust/fume/gas/mist/vapors/spray.



	<ul style="list-style-type: none"> • P264: Wash skin thoroughly after handling • P270: Do not eat, drink or smoke when using this product • P271: Use only outdoors or in a well-ventilated area • P280: Wear protective gloves and eye / face protection • P304 + P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing • P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing • P312: Call a POISON CENTER or doctor/ physician if you feel unwell • P332 + P313: If skin irritation occurs: Get medical advice/ attention • P337 + P313: If eye irritation persists: Get medical advice/attention • P410 + P412: Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F • P405: Store locked up • P501: Dispose of contents/container to an approved waste disposal plant
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Additional Information: Vapors may travel considerable distances to ignition sources and flash back. Hazardous gases can be produced requiring respirator. Heating above 500°F (260°C) may cause formation of potentially toxic substances. Prolonged exposure may cause chronic effects. May be irritating to eyes, respiratory system and skin. Prolonged skin contact may defat skin and produce dermatitis. May cause central nervous system depression with nausea, headache, dizziness, vomiting, and incoordination. Aspiration into lungs can produce severe lung damage. Do not smoke. Do not contaminate tobacco products. The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal Do not puncture or burn aerosol can, even after use. When operating continuously for long periods, the aerosol container can become very cold. Care should be taken to avoid skin burns

Hazards Not Otherwise Classified:

None known

SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Substance: Not applicable
Synonyms: Mixture.
Chemical Nature: Molybdenum disulfide / Fluoropolymer dispersion, Aerosol

MIXTURES.

Name	CAS#	Wt. Percentage*	Classification according to Regulation (EC) No. 1272/2008 [CLP]
Heptane (n-)	142-82-5	40.0 - 45.0	Skin Irrit. 2; (H315) STOT SE 3; (H336) Asp. Tox. 1; (H304) Aquatic Acute 1; (H400)



			Aquatic Chronic 1; (H410) Flam. Liq. 2; (H225)
n-Butyl Acetate	123-86-4	15.0 - 20.0	(EUH066) STOT SE 3 (H336) Flam. Liq. 3 (H226)
Dimethyl Ether	115-10-6	12.0 - 17.0	Flam. Gas 1 (H220) Press. Gas
Ethanol	64-17-5	10.0 - 15.0	Flam. Liq. 2 (H225)
Carbon Dioxide	124-28-9	4.0 - 6.0	NIL
Molybdenum Disulfide	1317-33-5	1.0 - 3.0	NIL
Propan-2-ol	67-63-0	1.0 - 2.0	Eye Irrit. 2, (H319) STOT SE 3, (H336) Flam. Liq. 2, (H225) Asp. Tox. 2, (H305)]

* 0-17 % material composition inclusive of inert and non-hazardous filler withheld as trade secret in accordance with paragraph 1910.1200(i)(1). 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 distributor and in the concentrations applicable, are classified as hazardous to health and hence require reporting in this section.

SECTION 4	FIRST AID MEASURES
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DESCRIPTION OF NECESSARY FIRST AID MEASURES:

- General Advice:** Use first aid treatment according to the nature of the injury. Never give anything by mouth to an unconscious person. When symptoms persist or in all cases of doubt, seek medical advice.
- Eye Contact:** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult a physician.
- Skin Contact:** Wash skin with soap and water. Get medical attention if irritation develops and persists. Wash contaminated clothing before reuse.
- Inhalation:** Remove from exposure, lie down. Artificial respiration and/or oxygen may be necessary. If symptoms persist, call a physician.
- Ingestion:** Not an expected route of exposure. Never give anything by mouth to an unconscious person. Do NOT induce vomiting. If swallowed, call a poison control center or physician immediately.
- Self-Protection Of The First Aider:** First aider: Pay attention to self-protection. Remove all sources of ignition. Use personal protection recommended in Section 8.

MOST IMPORTANT SYMPTOMS/EFFECTS (ACUTE AND DELAYED)

Symptoms: Drowsiness. Dizziness.

INDICATION OF IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

Note To Physicians: Treat symptomatically.

See toxicological information (Section 11)



SECTION 5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA

Suitable Extinguishing Media: Water spray (fog). Carbon dioxide (CO₂). Foam. Dry chemical. Use extinguishing measures that are appropriate to local circumstances and the surrounding environment

Unsuitable Extinguishing Media: Do not use a solid water stream as it may scatter and spread fire.

Specific Hazards Arising From The Chemical:

May be ignited by heat, sparks or flames. Vapors may form explosive mixtures with air. Vapors may travel to source of ignition and flash back. Flash back possible over considerable distance. Thermal decomposition can lead to release of irritating and toxic gases and vapors. Contents under pressure. Aerosol cans may explode in a fire.

Hazardous Combustion Products: Carbon oxides. Fluorinated compounds. Oxides of sulfur. Molybdenum trioxide.

EXPLOSION DATA:

Sensitivity to Mechanical Impact: None.

Sensitivity to Static Discharge: May be ignited by heat, sparks or flames. All equipment used when handling must be grounded. Use spark-resistant tools.

Protective Equipment And

Precautions For Firefighters:

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Personal Precautions: Use personal protection recommended in Section 8. Evacuate personnel to safe areas. Remove all sources of ignition. Take precautionary measures against static discharges.

ENVIRONMENTAL PRECAUTIONS

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Prevent entry into waterways, sewers, basements or confined areas.

METHODS AND MATERIAL FOR CONTAINMENT AND CLEANING UP

Methods For Containment: Prevent further leakage or spillage if safe to do so. Dike far ahead of liquid spill for later disposal.

Methods For Cleaning Up: Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

SECTION 7 HANDLING AND STORAGE

PRECAUTIONS FOR SAFE HANDLING

Advice On Safe Handling: Contents under pressure. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity). Take precautionary measures against static discharges. Use spark-proof tools and explosion-proof equipment. Do not smoke. Avoid contact with skin and eyes. Avoid breathing vapors or mists. Use personal protection recommended in Section 8.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES

Storage Conditions: Protect from sunlight. Store at temperatures not exceeding 50 °C/ 122 °F. Keep away from heat, sparks, flame and other sources of ignition (i.e., pilot lights, electric motors and static electricity).

Incompatible Materials: Strong oxidizing agents



SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

Occupational Exposure Limits

INGREDIENT	ACGIH TLV	OSHA PEL	NIOSH IDLH
Heptane (n-) 142-82-5	STEL: 500 ppm TWA: 400 ppm	TWA: 500 ppm TWA: 2000 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 1600 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 2000 mg/m ³	IDLH: 750 ppm Ceiling: 440 ppm 15 min Ceiling: 1800 mg/m ³ 15 min TWA: 85 ppm TWA: 350 mg/m ³
n-Butyl Acetate 123-86-4	STEL: 200 ppm TWA: 150 ppm	TWA: 150 ppm TWA: 710 mg/m ³ (vacated) TWA: 150 ppm (vacated) TWA: 710 mg/m ³ (vacated) STEL: 200 ppm (vacated) STEL: 950 mg/m ³	IDLH: 1700 ppm TWA: 150 ppm TWA: 710 mg/m ³ STEL: 200 ppm STEL: 950 mg/m ³
Ethanol 64-17-5	STEL: 1000 ppm	TWA: 1000 ppm TWA: 1900 mg/m ³ (vacated) TWA: 1000 ppm (vacated) TWA: 1900 mg/m ³	IDLH: 3300 ppm TWA: 1000 ppm TWA: 1900 mg/m ³
Molybdenum Disulfide 1317-33-5	TWA: 10 mg/m ³ Mo inhalable fraction TWA: 3 mg/m ³ Mo respirable fraction	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ Mo	IDLH: 5000 mg/m ³ Mo
Propan-2-ol 67-63-0	STEL: 400 ppm TWA: 200 ppm	TWA: 400 ppm TWA: 980 mg/m ³ (vacated) TWA: 400 ppm (vacated) TWA: 980 mg/m ³ (vacated) STEL: 500 ppm (vacated) STEL: 1225 mg/m ³	IDLH: 2000 ppm TWA: 400 ppm TWA: 980 mg/m ³ STEL: 500 ppm STEL: 1225 mg/m ³

CONTROL PARAMETERS

Appropriate Engineering Controls: Ensure adequate ventilation, especially in confined areas. As a general rule at least 10 air changes per hour are recommended at the workplace. Explosion-proof equipment (for example fans, switches, and grounded ducts) should be used in mechanical ventilation systems. Showers. Eyewash stations.

INDIVIDUAL PROTECTION MEASURES

Eye/Face Protection: Avoid contact with eyes. Wear safety glasses with side shields (or goggles).

Skin And Body Protection: Avoid skin contact. Wear protective gloves and protective clothing. When operating continuously for long periods, wear protective gloves to protect skin from cold aerosol container.

Respiratory Protection: Ensure adequate ventilation, especially in confined areas. In case of insufficient ventilation, wear suitable respiratory equipment. Follow OSHA respirator regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators.

General Hygiene Considerations: Handle in accordance with good industrial hygiene and safety practice. Do not eat, drink or smoke when using this product



SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

APPEARANCE

Physical State:	Liquid.
Appearance:	Grayish black liquid dispersion
Color:	Grayish black
Odor:	Fruity
Odor Threshold:	Not available.
pH:	Not available.
Melting Point/Freezing Point	Not available
Boiling Point / Boiling Range:	78 - 127 °C / 173 - 260 °F
Flash Point:	- 4 °C / 24 °F (Tag Closed Cup)
Evaporation Rate:	3.4 (Butyl Acetate = 1)
Flammability (Solid, Gas):	Not available
Flammability Limit in Air	
Upper Flammability Limit:	11.6 (Vol % @ 100°F (38°C))
Lower Flammability Limit:	1.9 (Vol % @ 100°F (38°C))
Vapor Pressure:	2.0 kPa (at 20°C)
Vapor Density:	3.2 (Air = 1)
Specific Gravity:	0.78 g/ml @ 20°C
Water Solubility:	< 10%
Solubility In Other Solvents:	No data available
Partition Coefficient:	Not available
Auto-Ignition Temperature:	Not available.
Decomposition Temperature:	325 - 400 °C / 600 - 750 °F
Kinematic Viscosity:	No data available
Dynamic Viscosity:	No data available
Explosive Properties:	Not applicable
Oxidizing Properties:	No data available
Softening Point:	No data available
Molecular Weight:	No data available.
VOC Content (%):	<= 96.0 Wt %
Density:	6.49 lbs./gal.
Bulk Density:	No data available

SECTION 10 STABILITY AND REACTIVITY

Reactivity:	Stable
Chemical stability:	The product is stable.
Hazardous polymerization:	Hazardous polymerization does not occur.
Conditions to avoid:	Heat, flames and sparks. Take precautionary measures against static discharges. Decomposition temperature: 325-400°C / 600-750°F.
Incompatible materials:	Strong oxidizing agents.
Hazardous Decomposition Products:	Carbon oxides. Fluorinated compounds. Oxides of sulfur. Molybdenum trioxide.

SECTION 11 TOXICOLOGICAL INFORMATION

INFORMATION ON LIKELY ROUTES OF EXPOSURE:

Product Information:	The product itself has not been tested.
Inhalation:	May cause irritation. Do not smoke. Do not contaminate tobacco products. The thermal decomposition vapours of fluorinated polymers may cause polymer fume fever with flu-like symptoms in humans, especially when smoking contaminated tobacco.
Eye Contact:	Avoid contact with eyes. Irritating to eyes.



Skin Contact:
Ingestion:

Avoid contact with skin. Prolonged contact may cause redness and irritation.
Not an expected route of exposure.

Component Information:

Ingredients	LC ₅₀ (Inhalation)	LD50 (Oral)	LD ₅₀ (Dermal)
Heptane (n-) 142-82-5	= 103 g/m ³ (Rat) 4 h	> 5000 mg/kg (Rat)	= 3000 mg/kg (Rabbit)
n-Butyl Acetate 123-86-4	= 390 ppm (Rat) 4 h	= 12789 mg/kg (Rat)	> 17600 mg/kg (Rabbit)
Dimethyl Ether 115-10-6	= 308.5 mg/L (Rat) 4 h	Not available	Not available
Ethanol 64-17-5	= 124.7 mg/L (Rat) 4 h	= 15010 mg/kg (Rat)	= 20000 mg/kg (Rabbit)
Molybdenum Disulfide 1317-33-5	> 2820 mg/m ³ (Rat) 4 h	Not available	Not available
Propan-2-ol 67-63-0	= 16000 ppm (Rat) 8 h	= 4396 mg/kg (Rat)	= 12800 mg/kg (Rabbit)

INFORMATION ON TOXICOLOGICAL EFFECTS

Symptoms: Inhalation of high vapor concentrations may cause symptoms like headache, dizziness, tiredness, nausea and vomiting.

DELAYED AND IMMEDIATE EFFECTS AS WELL AS CHRONIC EFFECTS FROM SHORT AND LONG-TERM EXPOSURE

Sensitization: No information available.
Germ Cell Mutagenicity: No information available.
Carcinogenicity: The table below indicates whether each agency has listed any ingredient as a carcinogen.

Ingredients	ACGIH	IARC	NTP	OSHA
Ethanol 64-17-5	A3	Group 1	Known	X
Propan-2-ol 67-63-0	Not available	Group 1 Group 3	Not available	X

Reproductive Toxicity: No information available.
STOT - Single Exposure: No information available.
STOT - Repeated Exposure: No information available.
Chronic Toxicity: Prolonged exposure may cause chronic effects. Prolonged skin contact may defat the skin and produce dermatitis. Repeated or prolonged exposure may cause central nervous system damage.
Aspiration Hazard: May be harmful if swallowed and enters airways.

NUMERICAL MEASURES OF TOXICITY

ACUTE TOXICITY

The following values are calculated based on chapter 3.1 of the GHS document

Exposure Route	ATE mix
Oral	> 5000 mg/kg
Dermal	> 5000 mg/kg
Inhalation-Gas	> 20000
Inhalation-Dust/Mist	> 5 mg/L
Inhalation-Vapor	> 20 mg/L



SECTION 12

ECOLOGICAL INFORMATION

Marine Pollutant:

Yes.

Ecotoxicity:

The environmental impact of this product has not been fully investigated

Product/Ingredient Name	Algae/Aquatic Plants	Fish	Crustacea
Heptane (n-) 142-82-5	4,338: 72 h Pseudokirchneriella subcapitata mg/L EL ₅₀	375.0: 96 h Cichlid fish mg/L LC ₅₀	10: 24 h Daphnia magna mg/L EC ₅₀
n-Butyl Acetate 123-86-4	674.7: 72 h Desmodesmus subspicatus mg/L EC ₅₀	17 - 19: 96 h Pimephales promelas mg/L LC ₅₀ flow-through 100: 96 h Lepomis macrochirus mg/L LC ₅₀ static 62: 96 h Leuciscus idus mg/L LC ₅₀ static	72.8: 24 h Daphnia magna mg/L EC ₅₀
Ethanol 64-17-5	1000: 96 h Chlorella vulgaris mg/L EC ₅₀	12.0 - 16.0: 96 h Oncorhynchus mykiss ml/L LC ₅₀ static 100: 96 h Pimephales promelas mg/L LC ₅₀ static 13400 - 15100: 96 h Pimephales promelas mg/L LC ₅₀ flow-through	9268 - 14221: 48 h Daphnia magna mg/L LC ₅₀ 10800: 24 h Daphnia magna mg/L EC ₅₀ 2: 48 h Daphnia magna mg/L EC ₅₀ Static
Propan-2-ol 67-63-0	1000: 96 h Desmodesmus subspicatus mg/L EC ₅₀ 1000: 72 h Desmodesmus subspicatus mg/L EC ₅₀	9640: 96 h Pimephales promelas mg/L LC ₅₀ flow-through 11130: 96 h Pimephales promelas mg/L LC ₅₀ static 1400000: 96 h Lepomis macrochirus µg/L LC ₅₀	13299: 48 h Daphnia magna mg/L EC ₅₀

Persistence And Degradability:

Not available.

Bioaccumulative Potential:

Not available

Ingredient Name	Partition Coefficient
Heptane (n-) 142-82-5	4.66
n-Butyl Acetate 123-86-4	1.81
Dimethyl Ether 115-10-6	-0.18
Ethanol 64-17-5	-0.32
Propan-2-ol 67-63-0	0.05

Other adverse effects:

No information available.

SECTION 13

DISPOSAL CONSIDERATIONS

Disposal Methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations.

Contaminated Packaging:

Pressurized container: Do not pierce or burn, even after use. Disposal should be in accordance with applicable regional, national and local laws and regulations.

Ingredient Name	California Hazardous Waste Status
Heptane (n-) 142-82-5	Toxic Ignitable
n-Butyl Acetate 123-86-4	Toxic
Ethanol 64-17-5	Toxic Ignitable
Propan-2-ol 67-63-0	Toxic Ignitable



SECTION 14 TRANSPORTATION

Regulatory Information	UN Number	Proper Shipping Name	Transport Hazard Class	Packing Group	Additional Information
DOT	UN1950	Consumer Commodity	LIMITED QUANTITY	Not available	Not available
ICAO(Air)	UN1950	Consumer Commodity, 9, ID8000	9	Not available	Not available
IATA	UN1950	Consumer Commodity, 9, ID8000	9	Not available	Not available
IMDG	UN1950	Aerosols, 2.1 UN1950, LIMITED QUANTITY	2.1	Not available	Marine pollutant

SECTION 15 REGULATORY INFORMATION

INTERNATIONAL INVENTORIES:

TSCA: Complies
 DSL/NDL: Complies
 EINECS/ELINCS: Complies
 ENCS: Complies
 IECSC: Complies
 KECL: Complies
 PICCS: Complies
 AICS: Complies

US FEDERAL REGULATIONS

SARA 313:

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

SARA 311/312 Hazard Categories

Acute Health Hazard: Yes
 Chronic Health Hazard: Yes
 Fire Hazard: Yes
 Sudden Release of Pressure Hazard: No
 Reactive Hazard: No

CWA (Clean Water Act)

This product contains the following substances which are regulated pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)



Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
n-Buty Acetate 123-86-4	5000 lb	NIL	NIL	X

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
n-Butyl Acetate 123-86-4	5000 lb	NIL	RQ 5000 lb final RQ RQ 2270 kg final RQ

US STATE REGULATIONS

California Proposition 65

This product contains the following Proposition 65 chemicals:

(Note: Ethyl alcohol is only considered a Proposition 65 developmental hazard when it is ingested as an alcoholic beverage)

Chemical Name	California Proposition 65
Ethanol - 64-17-5	Carcinogen Developmental

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
Heptane (n-) 142-82-5	X	X	X
n-Butyl Acetate 123-86-4	X	X	X
Dimethyl Ether 115-10-6	X	X	X
Ethanol 64-17-5	X	X	X
Molybdenum Disulfide 1317-33-5	X	X	X
Propan-2-ol 67-63-0	X	X	X

U.S. EPA LABEL INFORMATION

EPA Pesticide Registration Number: Not applicable

SECTION 16

OTHER INFORMATION

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA)

Health: 2

Flammability: 3

Instability: 0

HAZARDOUS MATERIAL INFORMATION SYSTEM (HMIS)

Health: 2

Flammability: 3

Physical Hazards: 0

Caution: HMIS® and NFPA ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks.

The customer is responsible for determining the PPE code for this material.



Key to Abbreviations:

ATE = Acute Toxicity Estimate
BCF = Bio-concentration Factor
GHS = Globally Harmonized System of Classification and Labelling of Chemicals
IATA = International Air Transport Association
IBC = Intermediate Bulk Container
IMDG = International Maritime Dangerous Code
LogPow = logarithm of the octanol/water partition coefficient
MARPOL 73/78 = International Convention for the Prevention of Pollution from Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
UN = United Nations
TDG = Transportation of Dangerous Goods
TSCA = United States Toxic Substances Control Act Section 8(b) Inventory
DSL/NDSL= Canadian Domestic Substances List/Non-Domestic Substances List
EINECS/ELINCS= European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances
ENCS= Japan Existing and New Chemical Substances
IECSC= China Inventory of Existing Chemical Substances
KECL= Korean Existing and Evaluated Chemical Substances
PICCS= Philippines Inventory of Chemicals and Chemical Substances
AICS= Australian Inventory of Chemical Substances

THIS SAFETY DATA SHEET CONTAINS THE FOLLOWING REVISIONS:

Revision Date	Description	Sections Affected
11/03/2016	GHS SDS created	1-16
11/19/2020	Updated	1-16

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