



Safety Data Sheet

Issue date 11-Jul-2019

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Revision Number 1

1. IDENTIFICATION

Product identification

Product identifier Kent® Heavy Duty Rustproofers

Other means of identification 1584664

Recommended use Rust preventative

Restrictions on use For industrial use only

Supplier

Corporate Headquarters:
Kent Automotive
8770 W. Bryn Mawr Ave.- Suite 900
Chicago, IL 60631
(888)-937-5368

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.

Skin corrosion/irritation	Category 2
Serious eye damage/eye irritation	Category 2A
Specific target organ toxicity (single exposure)	Category 3
Aspiration toxicity	Category 1
Flammable aerosols	Category 1
Gases under pressure	Compressed gas

Symbol



Signal word DANGER

Hazard statements	H222 - Extremely flammable aerosol H280 - Contains gas under pressure; may explode if heated H304 - May be fatal if swallowed and enters airways H315 - Causes skin irritation H319 - Causes serious eye irritation H335 - May cause respiratory irritation H336 - May cause drowsiness or dizziness
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	P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. 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 P260 - Do not breathe dust/fume/gas/mist/vapors/spray P264 - Wash face, hands and any exposed skin thoroughly after handling P271 - Use only outdoors or in a well-ventilated area P280 - Wear protective gloves/protective clothing and eye/face protection
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 P337 + P313 - If eye irritation persists: Get medical advice/attention
Skin	P302 + P352 - IF ON SKIN: Wash with plenty of soap and water P332 + P313 - If skin irritation occurs: Get medical advice/attention P362 - Take off contaminated clothing and wash before reuse
Inhalation	P304 + P340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing P304 + P312 - IF INHALED: Call a POISON CENTER or doctor if you feel unwell
Ingestion	P301 + P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician P331 - Do NOT induce vomiting
Storage	P233 - Keep container tightly closed P405 - Store locked up P410 + P403 - Protect from sunlight. Store in a well-ventilated place P412 - Do not expose to temperatures exceeding 50 °C/122 °F
Disposal	P501 - Dispose of contents/ container to an approved waste disposal plant
Hazard(s) Not Otherwise Classified (HNOC)	None known.
Physical Hazards Not Otherwise Classified (PHNOC)	None known.
Unknown acute toxicity	1.777%

3. COMPOSITION/INFORMATION ON INGREDIENTS

Composition Mixture.

Chemical name	CAS-No	Weight %
Solvent naphtha (petroleum), heavy aliphatic	64742-96-7	40-50
Propane/Isobutane/N-Butane	68476-86-8	20-30
Petroleum distillates, hydrotreated light	64742-47-8	1-10
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	1-10
Mineral Oil	8042-47-5	1-10
2-Butoxyethanol	111-76-2	1-10
Zinc oxide	1314-13-2	.1-1
Methanol	67-56-1	.1-1
Titanium Dioxide	13463-67-7	0-.1
Ethylene glycol	107-21-1	0-.1
Crystalline Silica	14808-60-7	0-.1

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

4. FIRST-AID MEASURES

Necessary first-aid measures

General Information

Avoid contact with eyes, skin, and clothing. Avoid breathing dust/fume/gas/mist/vapors/spray.

Inhalation

Remove to fresh air. If not breathing, give artificial respiration. If breathing has stopped, contact emergency medical services immediately.

Ingestion

Do NOT induce vomiting. Call a physician immediately. Never give anything by mouth to an unconscious person. Risk of product entering the lungs on vomiting after ingestion.

Skin contact

Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician. Remove and wash contaminated clothing before re-use.

Eye contact

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Most important symptoms (acute)

Causes skin irritation. Causes serious eye irritation.

Most important symptoms (over-exposure)

Causes skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness. May be fatal if swallowed and enters airways.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

Water fog. Dry chemical. Carbon dioxide (CO2). Cool containers / tanks with water spray.

Unsuitable extinguishing media

Do not use a solid water stream as it may scatter and spread fire.

Specific hazards

Extremely Flammable Aerosol. Container may burst in fire. Sensitivity to static discharge. Keep product and empty container away from heat and sources of ignition. Use water spray

to keep fire-exposed containers cool. In the event of fire and/or explosion do not breathe fumes. Cool containers / tanks with water spray.

Special protective equipment for fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear. Use shielding to protect fire-fighters from bursting containers.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use with adequate ventilation to keep exposure levels below the OELs. Report spills as required by local and federal regulations. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

Methods and materials for containment and cleaning up

Prevent further leakage or spillage if safe to do so. Contain liquid and collect with an inert, non-combustible material. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. Do not allow material to contaminate ground water system. Prevent product from entering drains. Pick up and transfer to properly labeled containers. Clean contaminated surface thoroughly. After cleaning, flush away traces with water. Take precautionary measures against static discharges.

7. HANDLING AND STORAGE

Precautions for safe handling

Avoid contact with eyes. Avoid breathing vapors or mists. Contents under pressure. Do not puncture or incinerate cans. Do not stick pin, nail, or any other sharp object into opening on top of can. Avoid skin contact. Use with adequate ventilation. Keep container away from heat, flames, and all other sources of ignition. Keep can away from all sources of electricity such as electric motors and batteries. Do not spray on hot surfaces. Take precautionary measures against static discharges. Keep away from open flames, hot surfaces and sources of ignition. Keep out of reach of children. Store locked up.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a cool, well-ventilated place. Incompatible with strong acids, alkalis, or oxidizing agents.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Solvent naphtha (petroleum), heavy aliphatic	-	-	-
Propane/Isobutane/N-Butane	-	-	-
Petroleum distillates, hydrotreated light	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	5 mg/m ³ TWA	5 mg/m ³ TWA	10 mg/m ³ STEL 5 mg/m ³ TWA
Mineral Oil	5 mg/m ³ TWA	5 mg/m ³ TWA	10 mg/m ³ STEL 5 mg/m ³ TWA
2-Butoxyethanol	Skin 50 ppm TWA 240 mg/m ³ TWA	20 ppm TWA	5 ppm TWA 24 mg/m ³ TWA
Zinc oxide	5 mg/m ³ TWA 15 mg/m ³ TWA 5 mg/m ³ TWA	10 mg/m ³ STEL 2 mg/m ³ TWA	10 mg/m ³ STEL 5 mg/m ³ TWA
Methanol	200 ppm TWA 260 mg/m ³ TWA	250 ppm STEL 200 ppm TWA Skin	250 ppm STEL 325 mg/m ³ STEL 200 ppm TWA 260 mg/m ³ TWA
Titanium Dioxide	15 mg/m ³ TWA	10 mg/m ³ TWA	2.4 mg/m ³ TWA 0.3 mg/m ³ TWA
Ethylene glycol	-	50 ppm STEL 10 mg/m ³ STEL 25 ppm TWA	-

Chemical name	OSHA PEL (TWA)	ACGIH OEL (TWA)	NIOSH - TWA
Crystalline Silica	50 µg/m³ TWA 50 µg/m³ TWA	0.025 mg/m³ TWA	0.05 mg/m³ TWA

Appropriate engineering controls

Ventilation systems. Use adequate ventilation to keep the exposure levels below the OELs.

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

Safety glasses with side-shields.

Skin and body protection

Chemical resistant apron. Protective gloves. Nitrile gloves are recommended.

Respiratory protection

If exposure limits are exceeded or irritation is experienced, a NIOSH/MSHA approved respirator is recommended. Positive-pressure supplied air respirators may be required for high airborne contaminant concentration. Respiratory protection must be provided in accordance with current local regulations.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practice.

Canadian Province Occupational Exposure Limits

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
Solvent naphtha (petroleum), heavy aliphatic	-	-	-	-	-	-	-	-	-	-
Propane/Isobutane/N-Butane	-	-	-	-	-	-	-	-	-	-
Petroleum distillates, hydrotreated light	-	200 mg/m³ TWA	-	-	-	-	-	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	10 mg/m³ STEL 5 mg/m³ TWA	0.2 mg/m³ TWA 1 mg/m³ TWA	5 mg/m³ TWA	10 mg/m³ STEL 5 mg/m³ TWA	5 mg/m³ TWA	5 mg/m³ TWA	5 mg/m³ TWA	5 mg/m³ TWA	10 mg/m³ STEV 5 mg/m³ TWA	10 mg/m³ STEL 5 mg/m³ TWA
Mineral Oil	10 mg/m³ STEL 5 mg/m³ TWA	0.2 mg/m³ TWA 1 mg/m³ TWA	5 mg/m³ TWA	10 mg/m³ STEL 5 mg/m³ TWA	5 mg/m³ TWA	5 mg/m³ TWA	5 mg/m³ TWA	5 mg/m³ TWA	10 mg/m³ STEV 5 mg/m³ TWA	10 mg/m³ STEL 5 mg/m³ TWA
2-Butoxyethanol	20 ppm TWA 97 mg/m³ TWA	20 ppm TWA	20 ppm TWA	25 ppm TWA 121 mg/m³ TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA	20 ppm TWA 97 mg/m³ TWA	30 ppm STEL 20 ppm TWA
Zinc oxide	10 mg/m³ STEL 2 mg/m³ TWA	10 mg/m³ STEL 2 mg/m³ TWA	2 mg/m³ TWA 10 mg/m³ STEL	10 mg/m³ STEL 10 mg/m³ TWA 5 mg/m³ TWA	10 mg/m³ STEL 2 mg/m³ TWA	10 mg/m³ STEL 2 mg/m³ TWA	10 mg/m³ STEL 2 mg/m³ TWA	10 mg/m³ STEL 2 mg/m³ TWA	10 mg/m³ STEV 10 mg/m³ TWA 5 mg/m³ TWA	10 mg/m³ STEL 2 mg/m³ TWA
Methanol	250 ppm STEL 328 mg/m³ STEL 200 ppm TWA 262 mg/m³ TWA	250 ppm STEL 200 ppm TWA	200 ppm TWA 250 ppm STEL	250 ppm STEL 328 mg/m³ STEL 200 ppm TWA 262 mg/m³ TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEL 200 ppm TWA	250 ppm STEV 328 mg/m³ STEV 200 ppm TWA 262 mg/m³ TWA	250 ppm STEL 200 ppm TWA
Titanium Dioxide	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	10 mg/m³ TWA	20 mg/m³ STEL

Chemical name	Alberta OEL	British Columbia OEL	Manitoba OEL	New Brunswick - OEL	Newfoundland and Labrador - OEL	Nova Scotia - OEL	Ontario OEL	Prince Edward Island - OEL	Quebec OEL	Saskatchewan - OEL
		3 mg/m ³ TWA								10 mg/m ³ TWA
Ethylene glycol	100 mg/m ³ Ceiling	100 mg/m ³ Ceiling 50 ppm Ceiling 20 mg/m ³ STEL 10 mg/m ³ TWA	25 ppm TWA 50 ppm STEL 10 mg/m ³ STEL	100 mg/m ³ Ceiling	50 ppm STEL 10 mg/m ³ STEL 25 ppm TWA	50 ppm STEL 10 mg/m ³ STEL 25 ppm TWA	100 mg/m ³ Ceiling	50 ppm STEL 10 mg/m ³ STEL 25 ppm TWA	50 ppm Ceiling 127 mg/m ³ Ceiling	100 mg/m ³ Ceiling
Crystalline Silica	0.025 mg/m ³ TWA	0.025 mg/m ³ TWA	0.025 mg/m ³ TWA	0.1 mg/m ³ TWA	0.025 mg/m ³ TWA	0.025 mg/m ³ TWA	0.10 mg/m ³ TWA	0.025 mg/m ³ TWA	0.1 mg/m ³ TWA EV	0.05 mg/m ³ TWA

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Aerosol
Color	Off-white
Odor	Solvent
Odor threshold	Not available
pH	Not available
Melting point/range °C	Not available
Melting point/range °F	Not available
Boiling point/range °C	Not available
Boiling point/range °F	Not available
Flash point °C	-96.4
Flash point °F	-141
Flash point method used	based on propellant
Evaporation rate	Not available
Flammability (Solid, Gas)	Not available
Lower explosion limit	Not available
Upper explosion limit	Not available
Vapor pressure	Not available
Vapor density	Not available
Relative density	0.765
Solubility	Negligible
Partition coefficient	Not available

(n-octanol/water)

Autoignition temperature °C No data available

Autoignition temperature °F Not available

Decomposition temperature °C Not available

Decomposition temperature °F Not available

Viscosity Not available

10. STABILITY AND REACTIVITY

Reactivity Not available.

Chemical stability Stable under recommended storage conditions.

Possibility of hazardous reactions None under normal processing.

Conditions to avoid Avoid extreme temperatures. Avoid direct sunlight.

Incompatible materials Incompatible with strong acids, alkalis, or oxidizing agents.

Hazardous decomposition products carbon oxides. Hydrocarbons. Fumes.

11. TOXICOLOGICAL INFORMATION

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

Symptoms Exposure to high vapor concentrations may cause nervous system effects such as headache, nausea, and dizziness. Causes serious eye irritation. May cause skin irritation. Prolonged skin contact may defat the skin and produce dermatitis. Aspiration into the lungs during swallowing may cause serious lung damage which may be fatal.

Delayed and immediate effects as well as chronic effects from short and long-term exposure May cause adverse liver effects. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Chronic hydrocarbon abuse has been associated with irregular heart rhythms and potential cardiac arrest. Prolonged skin contact may defat the skin and produce dermatitis. Target Organ Effects: Central Nervous System (CNS), Eyes, Respiratory System, Skin. Blood. Hematopoietic System. Kidney. Liver. Peripheral Nervous System (PNS). Causes skin irritation. Causes serious eye irritation. No sensitizing effects known.

Numerical measures of toxicity

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
Solvent naphtha (petroleum), heavy aliphatic	> 5.28 mg/L (Rat) 4 h	> 2000 mg/kg (Rabbit)	> 5000 mg/kg (Rat)
Propane/Isobutane/N-Butane	-	-	-
Petroleum distillates, hydrotreated light	> 5.2 mg/L (Rat) 4 h	> 2000 mg/kg (Rabbit)	> 5000 mg/kg (Rat)
Petroleum distillates, hydrotreated heavy naphthenic	= 2062 ppm (Rat) 4 h	> 2000 mg/kg (Rabbit)	> 5000 mg/kg (Rat) > 24 g/kg (Rat)
Mineral Oil	= 2062 ppm (Rat) 4 h	-	> 5000 mg/kg (Rat) > 24 g/kg (Rat) Oral LD50 Rat >5000 mg/kg (Source: IUCLID) Oral LD50

Chemical name	Inhalation LC50:	Dermal LD50:	Oral LD50:
			Rat >24 g/kg (Source: NLM_CIP)
2-Butoxyethanol	= 450 ppm (Rat) 4 h = 486 ppm (Rat) 4 h	= 99 mg/kg (Rabbit)	= 470 mg/kg (Rat)
Zinc oxide	-	-	> 5000 mg/kg (Rat)
Methanol	= 22500 ppm (Rat) 8 h = 64000 ppm (Rat) 4 h	= 15800 mg/kg (Rabbit) = 15840 mg/kg (Rabbit)	= 6200 mg/kg (Rat)
Titanium Dioxide	-	-	> 10000 mg/kg (Rat)
Ethylene glycol	-	= 10600 mg/kg (Rat) = 9530 µL/kg (Rabbit)	= 4700 mg/kg (Rat)
Crystalline Silica	-	-	-

ATEmix (dermal) 12657 mg/kg

ATEmix (oral) 5408 mg/kg

ATEmix (inhalation-gas) Not available

ATEmix (inhalation-vapor) 33 mg/l

ATEmix (inhalation-dust/mist) 17.3 mg/l

Carcinogenicity

Chemical name	ACGIH OEL - Carcinogens	IARC	OSHA RTK Carcinogens	NTP
Solvent naphtha (petroleum), heavy aliphatic	-	-	-	-
Propane/Isobutane/N-Butane	-	-	-	-
Petroleum distillates, hydrotreated light	-	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	A2	Group 1	Listed	Known Carcinogen
Mineral Oil	-	-	-	-
2-Butoxyethanol	A3	Group 3	-	-
Zinc oxide	-	-	-	-
Methanol	-	-	-	-
Titanium Dioxide	A4	Group 2B	Listed	-
Ethylene glycol	A4	-	-	-
Crystalline Silica	A2	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
Solvent naphtha (petroleum), heavy aliphatic	-	-	-	-	-	-
Propane/Isobutane/N-Butane	-	-	-	-	-	-
Petroleum distillates, hydrotreated light	-	-	-	-	-	-
Petroleum distillates, hydrotreated heavy	-	IARC 1	ACGIH A2 ACGIH A4	-	ACGIH A2 ACGIH A4	-

Chemical name	Alberta - Carcinogen	British Columbia - Carcinogen	Manitoba - Carcinogen	New Brunswick - Carcinogen	Nova Scotia - Carcinogen	Quebec - Carcinogen
naphthenic Mineral Oil	-	IARC Category 1 - Human Carcinogen (mildly refined) IARC 1	ACGIH A2 ACGIH A4	-	ACGIH A2 ACGIH A4	-
2-Butoxyethanol	-	-	ACGIH A3	-	ACGIH A3	-
Zinc oxide	-	-	-	-	-	-
Methanol	-	-	-	-	-	-
Titanium Dioxide	-	IARC 2B	ACGIH A4	ACGIH A4	ACGIH A4	-
Ethylene glycol	-	-	ACGIH A4	ACGIH A4	ACGIH A4	-
Crystalline Silica	A2 - Suspected Human Carcinogen	ACGIH A2 IARC 1	ACGIH A2	-	ACGIH A2	C2 carcinogen

12. ECOLOGICAL INFORMATION

Ecotoxicity

Chemical name	Algae/aquatic plants	Fish
Solvent naphtha (petroleum), heavy aliphatic	-	-
Propane/Isobutane/N-Butane	-	-
Petroleum distillates, hydrotreated light	-	45: 96 h Pimephales promelas mg/L LC50 flow-through 2.2: 96 h Lepomis macrochirus mg/L LC50 static 2.4: 96 h Oncorhynchus mykiss mg/L LC50 static
Petroleum distillates, hydrotreated heavy naphthenic	-	5000: 96 h Oncorhynchus mykiss mg/L LC50
Mineral Oil	-	10000: 96 h Lepomis macrochirus mg/L LC50
2-Butoxyethanol	-	1490: 96 h Lepomis macrochirus mg/L LC50 static 2950: 96 h Lepomis macrochirus mg/L LC50
Zinc oxide	-	-
Methanol	-	28200: 96 h Pimephales promelas mg/L LC50 flow-through 100: 96 h Pimephales promelas mg/L LC50 static 19500 - 20700: 96 h Oncorhynchus mykiss mg/L LC50 flow-through 18 - 20: 96 h Oncorhynchus mykiss mL/L LC50 static 13500 - 17600: 96 h Lepomis macrochirus mg/L LC50 flow-through
Titanium Dioxide	-	-
Ethylene glycol	6500 - 13000: 96 h Pseudokirchneriella subcapitata mg/L EC50	41000: 96 h Oncorhynchus mykiss mg/L LC50 14 - 18: 96 h Oncorhynchus mykiss mL/L LC50 static 40761: 96 h Oncorhynchus mykiss mg/L LC50 static 40000 - 60000: 96 h Pimephales promelas mg/L LC50 static 27540: 96 h Lepomis macrochirus mg/L LC50 static 16000: 96 h Poecilia reticulata mg/L LC50 static
Crystalline Silica	-	-

Persistence and degradability Not available.

Bioaccumulation

Chemical name	CAS-No	Partition coefficient (log Kow)
Solvent naphtha (petroleum), heavy aliphatic 64742-96-7	64742-96-7	-
Propane/Isobutane/N-Butane 68476-86-8	68476-86-8	<=2.8
Petroleum distillates, hydrotreated light 64742-47-8	64742-47-8	-
Petroleum distillates, hydrotreated heavy naphthenic 64742-52-5	64742-52-5	-
Mineral Oil 8042-47-5	8042-47-5	>6
2-Butoxyethanol 111-76-2	111-76-2	0.81 25 °C
Zinc oxide 1314-13-2	1314-13-2	-
Methanol 67-56-1	67-56-1	-0.77
Titanium Dioxide 13463-67-7	13463-67-7	-
Ethylene glycol 107-21-1	107-21-1	-1.93
Crystalline Silica 14808-60-7	14808-60-7	-

Mobility in soil Not available.

Other adverse effects Not available

13. DISPOSAL CONSIDERATIONS

Disposal information As supplied, this product is a RCRA Hazardous Waste. Waste must be tested for ignitability to determine EPA hazardous waste numbers. Do not puncture or incinerate. Depressurize before disposal. Dispose in accordance with local, state and federal regulations.

Contaminated packaging Do not reuse containers.

14. TRANSPORTATION INFORMATION

Shipping Descriptions

DOT

ID-No	UN1950
Proper shipping name	Aerosols
Hazard Class(es)	2.1
Subsidiary Risk	
Packing group	
Special Provisions	LTD QTY

TDG

ID-No	UN1950
Proper shipping name	Aerosols
Hazard Class(es)	2.1
Subsidiary Risk	None
Packing group	
Special Provisions	LTD QTY

IATA

ID-No	UN1950
Proper shipping name	Aerosols, flammable
Hazard Class(es)	2.1
Subsidiary Risk	
Packing group	
Special Provisions	LTD QTY

IMDG/IMO

ID-No	UN1950
Proper shipping name	Aerosols
Hazard Class(es)	2
Packing group	
EmS No	2-13
Special Provisions	LTD QTY

Marine Pollutants

Chemical name	CAS-No	USDOT Marine Pollutant	Canada TDG Marine Pollutant	IMDG Marine Pollutant
Solvent naphtha (petroleum), heavy aliphatic	64742-96-7	-	-	-
Propane/Isobutane/N-Butane	68476-86-8	-	-	-
Petroleum distillates, hydrotreated light	64742-47-8	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	-	-	-
Mineral Oil	8042-47-5	-	-	-
2-Butoxyethanol	111-76-2	-	-	-
Zinc oxide	1314-13-2	-	-	-
Methanol	67-56-1	-	-	-
Titanium Dioxide	13463-67-7	-	-	-
Ethylene glycol	107-21-1	-	-	-
Crystalline Silica	14808-60-7	-	-	-

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.

15. REGULATORY INFORMATION**State regulations****U.S. state Right-to-Know regulations**

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Solvent naphtha (petroleum), heavy aliphatic	64742-96-7	-	-	-
Propane/Isobutane/N-Butane	68476-86-8	-	-	-
Petroleum distillates, hydrotreated light	64742-47-8	-	-	-
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	X	X	X
Mineral Oil	8042-47-5	X	X	X
2-Butoxyethanol	111-76-2	X	X	X
Zinc oxide	1314-13-2	X	X	X

Chemical name	CAS-No	Massachusetts - RTK	New Jersey - RTK	Pennsylvania - RTK
Methanol	67-56-1	X	X	X
Titanium Dioxide	13463-67-7	X	X	X
Ethylene glycol	107-21-1	X	X	X
Crystalline Silica	14808-60-7	X	X	X

California Prop. 65

WARNING: This product contains a chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm

Chemical name	CAS-No	California Prop. 65
Solvent naphtha (petroleum), heavy aliphatic	64742-96-7	-
Propane/Isobutane/N-Butane	68476-86-8	-
Petroleum distillates, hydrotreated light	64742-47-8	-
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	-
Mineral Oil	8042-47-5	-
2-Butoxyethanol	111-76-2	-
Zinc oxide	1314-13-2	-
Methanol	67-56-1	Developmental
Titanium Dioxide	13463-67-7	Carcinogen
Ethylene glycol	107-21-1	Developmental
Crystalline Silica	14808-60-7	Carcinogen

U.S. Federal Regulations**US EPA SARA 313**

Chemical name	CAS-No	CERCLA/SARA Hazardous Substances RQ	SARA 313 - Threshold Values
Solvent naphtha (petroleum), heavy aliphatic	64742-96-7	-	-
Propane/Isobutane/N-Butane	68476-86-8	-	-
Petroleum distillates, hydrotreated light	64742-47-8	-	-
Petroleum distillates, hydrotreated heavy naphthenic	64742-52-5	-	-
Mineral Oil	8042-47-5	-	-
2-Butoxyethanol	111-76-2	-	1.0 %
Zinc oxide	1314-13-2	-	1.0 %
Methanol	67-56-1	5000 lb 2270 kg	1.0 %
Titanium Dioxide	13463-67-7	-	-
Ethylene glycol	107-21-1	5000 lb 2270 kg	1.0 %
Crystalline Silica	14808-60-7	-	-

US EPA SARA 311/312 hazardous categorization

Acute Health Hazard
Chronic Health Hazard
Sudden Release of Pressure Hazard
Fire 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
Solvent naphtha (petroleum), heavy aliphatic	X	X	-
Propane/Isobutane/N-Butane	X	X	-
Petroleum distillates, hydrotreated light	X	X	-
Petroleum distillates, hydrotreated heavy naphthenic	X	X	-
Mineral Oil	X	X	-
2-Butoxyethanol	X	X	-
Zinc oxide	X	X	-
Methanol	X	X	-
Titanium Dioxide	X	X	-
Ethylene glycol	X	X	-
Crystalline Silica	X	X	-

Legend X - Listed

16. OTHER INFORMATION

NFPA

Health	2
Flammability	4
Instability	0

HMIS

Health	2 *
Flammability	4
Physical hazards	1
Personal protection	B

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).

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Revision note

Key to abbreviations

ACGIH (American Conference of Governmental Industrial Hygienists)
 ATE (Average Toxicity Estimate)
 DSL/NDSL (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 Substance 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