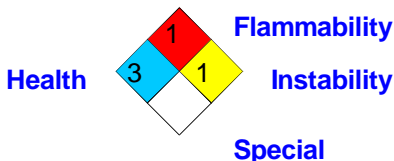


Material Safety Data Sheet

Emergency phone: CHEMTREC Number
(800) 424-9300



Health	3
Fire hazard	1
Reactivity	1
Personal protection	C

Section 1. Chemical product and company identification

Product name : ENTHONE® 50-201AR
Product code : 135642
Material uses : Specialty chemicals for the electronics and surface finishing industries.
Manufacturer : Enthone Inc
 Enthone OMI deMexico S.A. de C.V.
 350 Frontage Road
 Norte 59 No. 896
 West Haven, CT 06516
 Col. Industrial Vallejo
 Mexico, D.F. 02300
 Phone: (203) 799-4917
 Mexico
 Fax: (203) 799-8179
 Phone: 52 55 5078 3904
 www.cooksonelectronics.com
 Fax: 52 555 567 6326
 www.cooksonelectronics.com
 Tel. local de emergencias: 080
 Tel. de emergencias en
 transportacion: 01 800 0021 400 ;
 (55) 5559 1588

Validation date : 4/20/2006. **Supersedes Date** : 4/20/2006.
Prepared by : A. Rath
 (203)-799-4917

Section 2. Composition, Information on Ingredients

<u>Name</u>	<u>CAS number</u>	<u>% by weight</u>
Resins and Polymers		30-40
barium sulfate	7727-43-7	10-20
cadmium sulphide	1306-23-6	10-20
di ethylene glycol monoethyl ether acetate	112-15-2	10-20
dipropylene glycol methyl ether	34590-94-8	5-10
2-methoxy-1-methylethyl acetate	108-65-6	5-10
zinc sulfide (zns)	1314-98-3	1-5
solvent naphtha (petroleum), heavy arom.	64742-94-5	1-5
Proprietary Polymer.		1-5

Any component not listed in Section 2 is non-regulated or present in the product in concentrations below legal disclosure limits

All ingredients comply with applicable rules or orders under United States TSCA and Canadian CEPA regulations.

Continued on next page

Section 3. Hazards identification

Physical state	: Liquid.
Odor	: Mild.
Emergency overview	: Warning! CANCER HAZARD CONTAINS MATERIAL WHICH CAN CAUSE CANCER BIRTH DEFECT HAZARD CONTAINS MATERIAL WHICH CAN CAUSE BIRTH DEFECT. HARMFUL IF INHALED OR SWALLOWED. CAUSES RESPIRATORY TRACT, EYE AND SKIN IRRITATION. MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF ABSORBED THROUGH SKIN. CONTAINS MATERIAL WHICH MAY CAUSE DAMAGE TO THE FOLLOWING ORGANS: KIDNEYS, REPRODUCTIVE SYSTEM, LIVER, MUCOUS MEMBRANES, GASTROINTESTINAL TRACT, RESPIRATORY TRACT, SKIN, BONES, CENTRAL NERVOUS SYSTEM, CONJUNCTIVA, EYE, LENS OR CORNEA, PANCREAS. CONTAINS MATERIAL WHICH MAY CAUSE HERITABLE GENETIC EFFECTS BASED ON ANIMAL DATA. COMBUSTIBLE LIQUID AND VAPOR. VAPOR MAY CAUSE FIRE. Do not ingest. Avoid prolonged contact with eyes, skin, and clothing. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling. Risk of cancer depends on duration and level of exposure. Avoid exposure during pregnancy.
Routes of entry	: Dermal contact. Eye contact. Inhalation. Ingestion.
Potential acute health effects	
Eye contact	: Irritating to eyes.
Skin contact	: Harmful in contact with skin. Irritating to skin. May cause sensitization by skin contact.
Inhalation	: Toxic by inhalation. Irritating to respiratory system.
Ingestion	: Toxic if swallowed.
Potential chronic health effects	
Target organs	: Contains material which may cause damage to the following organs: kidneys, the reproductive system, liver, mucous membranes, gastrointestinal tract, upper respiratory tract, skin, bones, central nervous system (CNS), conjunctiva, eye, lens or cornea, pancreas.
Over-exposure signs/symptoms	: Di ethylene glycol monoethyl ether acetate: Inhalation and Ingestion: stomach pains, nausea/vomiting, diarrhea and central nervous system depression. Harmful if absorbed through the skin. Repeated or prolonged exposure to the substance can produce kidney damage. Solvent naphtha (petroleum), heavy arom.: Repeated or prolonged contact with irritants may cause dermatitis. Aspiration hazard if swallowed- can enter lungs and cause damage. Over-exposure by inhalation may cause respiratory irritation. dipropylene glycol methyl ether: May be slightly toxic by inhalation, in contact with skin or if swallowed. Can cause dizziness, lightheadedness, headache, nausea, and blurred vision. Prolonged exposure may cause narcotic effect. Resins and Polymers: Irritating to eyes, respiratory system and skin. MAY BE HARMFUL IF INHALED, ABSORBED THROUGH SKIN OR SWALLOWED. Material is irritating to mucous membranes and upper respiratory tract. May cause allergic skin reactions with repeated exposure. 2-Methoxy-1-methylethyl acetate: May be irritating to eyes, skin and respiratory system. Absorbed through skin. May be harmful if inhaled. May be harmful if swallowed. May

cause damage to the following organs: liver, kidneys

barium sulfate: Irritating to eyes, respiratory system and skin. Prolonged exposure to dust particles may result in baritosis, a form of benign pneumoconiosis. Harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.

cadmium sulphide: Eyes: blinking, redness or swelling. Ingestion: May cause gastrointestinal irritation, nausea, vomiting and diarrhea. Decomposes in the stomach to produce hydrogen sulfide. May cause allergic reactions to certain individuals. Inhalation: metal fume fever, metallic taste, fever, chills/shivering, coughing and chest tightness/wheezing. Can produce delayed pulmonary edema. Chronic Effects: May cause cancer. May cause damage to the following organs: kidneys, liver, lungs, blood, bones, pancreas

zinc sulfide (zns): INGESTION: nausea/vomiting and diarrhea.

Carcinogenicity

: Classified 1 (Proven for human.) by IARC, 1 (Known To Be Human Carcinogens.) by NTP, + (Proven.) by OSHA [cadmium sulphide]. Classified 3 (Possible for human.) by European Union [cadmium sulphide]. Classified A2 (Suspected for human.) by ACGIH [cadmium sulphide]. Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [Titanium dioxide].

Special remarks on chronic effects on humans

: **Titanium dioxide:** Carcinogen status based on inhalation of particulate form of this chemical. If this product is a liquid, exposure to this particulate is unlikely under ordinary conditions of use.

silica, amorphous, fumed: Carcinogen status based on inhalation of particulate form of this chemical. Because this product is a liquid, exposure to this particulate is unlikely under ordinary conditions of use.

See toxicological information (section 11)

Section 4. First aid measures

First aid

Eye contact

: Provide a readily accessible eyewash facility and quick drench safety shower. Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention immediately.

Skin contact

: Evacuate the victim to a safe area as soon as possible. Ensure that eyewash stations and safety showers are proximal to the work-station location. In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Remove contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention.

Inhalation

: If inhaled, remove to fresh air. If exposed person is not breathing, give artificial respiration or oxygen applied by trained personnel. Get medical attention.

Ingestion

: Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Protection of first-aiders

: No action shall be taken involving any personal risk or without suitable training. If fumes are still suspected to be present, the rescuer should wear an appropriate mask or a self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wear suitable protective clothing.

Section 5. Fire fighting measures

NFPA Hazard identification number Flammability

: 1

Auto-ignition temperature

: The lowest known value is 260°C (500°F) (Di ethylene glycol monoethyl ether acetate).

Flash point

: Closed cup: 71.11°C (160°F). (Pensky-Martens.)

Flammable limits

: Not available.

Products of combustion

: These products are carbon oxides (CO, CO₂), sulfur oxides (SO₂, SO₃...). Some metallic oxides.

Fire hazards in presence of various substances

Not available.

Hazardous polymerization

: Will not occur.

Continued on next page

- Explosion hazards in presence of various substances.** : Not available.
- Fire fighting media and instructions** : In case of fire, use water spray (fog), foam, dry chemicals, or CO₂.
- Combustible liquid and vapor. Vapor may cause flash fire. Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition and flash back. Runoff to sewer may create fire or explosion hazard.
- Special protective equipment for fire-fighters** : Fire fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure mode.

Section 6. Accidental release measures

- Personal precautions** : Immediately contact emergency personnel. Eliminate all ignition sources. Keep unnecessary personnel away. Use suitable protective equipment (Section 8). Do not touch or walk through spilled material.
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.
- Methods for cleaning up** : Do not clean-up or dispose except under supervision of a specialist. Keep unnecessary and unprotected personnel from entering. Follow your company's spill procedures. Avoid all possible sources of ignition (spark or flame). Avoid contact with eyes, skin and clothing. Wear suitable protective clothing. Avoid breathing vapors of this product. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator. For small spills add absorbent (soil may be used in the absence of other suitable materials) and use a non-sparking or explosion proof means to transfer material to a sealed, appropriate container for disposal. Dike large spills and use a non-sparking or explosion proof means to transfer material to an appropriate container for disposal. Absorb with an inert material and place in an appropriate waste disposal container. Dispose of according to all federal, state and local applicable regulations.

Section 7. Handling and storage

- Handling** : Do not ingest. Avoid contact with eyes, skin and clothing. Keep container closed. Use only with adequate ventilation. Avoid breathing vapor or mist. Keep away from heat, sparks and flame. To avoid fire or explosion, dissipate static electricity during transfer by grounding and bonding containers and equipment before transferring material. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Wash thoroughly after handling.
- Storage** : Keep container in a cool, well-ventilated area. Keep container tightly closed and sealed until ready for use. Avoid all possible sources of ignition (spark or flame).
- Incompatibility with various substances:** : Reactive with oxidizing agents.
- Hazardous decomposition products:** : carbon oxides (CO, CO₂), nitrogen oxides (NO, NO₂...), sulfur oxides (SO₂, SO₃...), metal oxides

Section 8. Exposure Controls, Personal Protection

- Engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, vapor or mist, use process enclosures, local exhaust ventilation, or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any explosive limits. Use explosion-proof ventilation equipment.
- Personal protection**
- Eyes** : Avoid contact with eyes. 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.

Continued on next page

- Skin** : Avoid contact with skin and clothing. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
- Respiratory** : Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.
- Hands** : Avoid contact with skin. Chemical-resistant, impervious gloves or gauntlets complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.
- Personal protection in case of a large spill** : Do not clean-up or dispose except under supervision of a specialist. Keep unnecessary and unprotected personnel from entering. Follow your company's spill procedures. Avoid contact with eyes, skin and clothing. Wear suitable protective clothing and eye/face protection. Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. Avoid breathing vapors of this product. Be sure to use a MSHA/NIOSH approved respirator or equivalent. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Ingredient name

CAS number

Exposure limits

barium sulfate

7727-43-7

ACGIH TLV (United States, 2001).

TWA: 10 mg/m³ 8 hour(s).

TWA: 10 mg/m³ 8 hour(s). Form: All forms

NIOSH REL (United States, 6/2001).

TWA: 5 mg/m³ 10 hour(s). Form: Respirable fraction

TWA: 10 mg/m³ 10 hour(s). Form: Total

OSHA PEL (United States, 6/1993).

TWA: 0.5 mg/m³ 8 hour(s). Form: All forms

TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction

TWA: 15 mg/m³ 8 hour(s). Form: Total dust

OSHA PEL 1989 (United States, 3/1989).

TWA: 0.5 mg/m³ 8 hour(s). Form: All forms

TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction

TWA: 10 mg/m³ 8 hour(s). Form: Total dust

cadmium sulphide

1306-23-6

ACGIH TLV (United States, 9/2004). Notes: Substance identified by other sources as a suspected or confirmed human carcinogen.

Respirable fraction. The concentration of respirable dust for the application of this limit is to be determined for the fraction passing a size-selector with the characteristics defined in the "C." paragraph of Appendix D. Substances for which the TLV is higher than the OSHA Permissible Exposure Limit (PEL) and/or the NIOSH Recommended Exposure Limit (REL). See CFR 58(124)

:36338-33351, June 30, 1993, for revised OSHA PEL. Identifies substances identified in the BEI documentation for Methemoglobin inducers (for which methemoglobin is the principle toxicity) and organophosphorous cholinesterase inhibitors are part of this notation. Refers to Appendix A -- Carcinogens.

TWA: 0.002 mg/m³ 8 hour(s). Form: All forms

OSHA PEL (United States, 2006).

TWA: 0.005 mg/m³ 8 hour(s). Form: As Cadmium

dipropylene glycol methyl ether

34590-94-8

ACGIH TLV (United States, 9/2004). Skin

STEL: 909 mg/m³ 15 minute(s). Form: All forms

STEL: 150 ppm 15 minute(s). Form: All forms

TWA: 606 mg/m³ 8 hour(s). Form: All forms

TWA: 100 ppm 8 hour(s). Form: All forms

NIOSH REL (United States, 6/2001). Skin

		STEL: 900 mg/m ³ 15 minute(s). Form: All forms
		STEL: 150 ppm 15 minute(s). Form: All forms
		TWA: 600 mg/m ³ 10 hour(s). Form: All forms
		TWA: 100 ppm 10 hour(s). Form: All forms
		OSHA PEL (United States, 6/1993). Skin
		TWA: 600 mg/m ³ 8 hour(s). Form: All forms
		TWA: 100 ppm 8 hour(s). Form: All forms
		OSHA PEL 1989 (United States, 3/1989). Skin
		STEL: 900 mg/m ³ 15 minute(s). Form: All forms
		STEL: 150 ppm 15 minute(s). Form: All forms
		TWA: 600 mg/m ³ 8 hour(s). Form: All forms
		TWA: 100 ppm 8 hour(s). Form: All forms
2-Methoxy-1-methylethyl acetate	108-65-6	AIHA WEEL (United States, 1/2004).
Solvent naphtha (petroleum), heavy arom.	64742-94-5	Manufacturer (United States, 2/2006).
		TWA: 100 ppm 8 hour(s).

Consult local authorities for acceptable exposure limits.

Section 9. Physical and chemical properties

Physical state	: Liquid.
Color	: Yellow.
Odor	: Mild.
pH	: Not available.
Boiling/condensation point	: 173.89°C (345°F)
Melting/freezing point	: May start to solidify at -75°C (-103°F) based on data for: 2-Methoxy-1-methylethyl acetate. Weighted average: -79.2°C (-110.6°F)
Critical temperature	: Not available.
Specific gravity	: 1.42 (Water = 1)
Vapor pressure	: The highest known value is 0.3 kPa (2.4 mm Hg) (at 20°C) (2-Methoxy-1-methylethyl acetate).
Vapor density	: Not available.
Odor threshold	: Not available.
Evaporation rate	: Not available.
Ionicity (in water)	: Not available.
Dispersion properties	: Not available.
Solubility	: Insoluble in cold water, hot water.

Section 10. Stability and reactivity

Stability and reactivity	The product is stable.
Incompatibility with various substances:	: Reactive with oxidizing agents.
Other hazardous decomposition products	: carbon oxides (CO, CO ₂), nitrogen oxides (NO, NO ₂ ...), sulfur oxides (SO ₂ , SO ₃ ...), metal oxides
Hazardous polymerization	: Will not occur.

Section 11. Toxicological information

Toxicity data

<u>Ingredient name</u>	<u>CAS number</u>	<u>Test</u>	<u>Result</u>	<u>Route</u>	<u>Species</u>
Resins and Polymers		LD50	>2000 mg/kg	Oral	Rat
		LD50	>2000 mg/kg	Dermal	Rabbit
cadmium sulphide	1306-23-6	LD50	7080 mg/kg	Oral	Rat
		LD50	1166 mg/kg	Oral	Mouse
Di ethylene glycol monoethyl ether acetate	112-15-2	LD50	4400 mg/kg	Oral	Rabbit
		LD50	3930 mg/kg	Oral	Guinea pig
		LD50	11000 mg/kg	Oral	Rat
		LD50	15000 mg/kg	Dermal	Rabbit
dipropylene glycol methyl ether	34590-94-8	LD50	7500 mg/kg	Oral	Dog
		LD50	8532 mg/kg	Oral	Rat
2-Methoxy-1-methylethyl acetate	108-65-6	LD50	8532 mg/kg	Oral	Rat
		LD50	>2000 mg/kg	Oral	Rat
zinc sulfide (zns)	1314-98-3	LD50	>2000 mg/kg	Oral	Rat
		LC50	>5040 mg/m ³ (4 hour(s))	Inhalation	Rat
Solvent naphtha (petroleum), heavy arom.	64742-94-5	LD50	3200 mg/kg	Oral	Rat
		LD50	>2000 mg/kg	Dermal	Rabbit
		LC50	>590 mg/m ³ (4 hour(s))	Inhalation	Rat
Proprietary Polymer.		LD50	>7940 mg/kg	Oral	Rat
		LD50	>7940 mg/kg	Dermal	Rabbit

IDLH : Not available.

Chronic effects on humans : **CARCINOGENIC EFFECTS:** Classified 1 (Proven for human.) by IARC, 1 (Known To Be Human Carcinogens.) by NTP, + (Proven.) by OSHA [cadmium sulphide]. Classified 3 (Possible for human.) by European Union [cadmium sulphide]. Classified A2 (Suspected for human.) by ACGIH [cadmium sulphide]. Classified A4 (Not classifiable for human or animal.) by ACGIH, 3 (Not classifiable for human.) by IARC [Titanium dioxide].
DEVELOPMENTAL TOXICITY: Classified Reproductive system/toxin/male, Development toxin [POSSIBLE] [cadmium sulphide].
 Contains material which may cause damage to the following organs: kidneys, the reproductive system, liver, mucous membranes, gastrointestinal tract, upper respiratory tract, skin, bones, central nervous system (CNS), conjunctiva, eye, lens or cornea, pancreas.

Special remarks on chronic effects on humans : **Titanium dioxide:** Carcinogen status based on inhalation of particulate form of this chemical. If this product is a liquid, exposure to this particulate is unlikely under ordinary conditions of use.
silica, amorphous, fumed: Carcinogen status based on inhalation of particulate form of this chemical. Because this product is a liquid, exposure to this particulate is unlikely under ordinary conditions of use.

California prop. 65 : **WARNING:** This product contains chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm: Benzene; Acetaldehyde; 1,4-dioxane; Ethylene oxide; cadmium sulphide
WARNING: This product contains chemical(s) known to the state of California to cause reproductive harm (female): Ethylene oxide
WARNING: This product contains chemical(s) known to the state of California to cause reproductive harm (male): Benzene; cadmium sulphide
 California prop. 65 (no significant risk level): Benzene; Acetaldehyde: 90 µg/day (inhalation); 1,4-dioxane; Ethylene oxide
 California prop. 65 (acceptable daily intake level): Benzene; Ethylene oxide
WARNING: This product contains chemical(s) known to the state of California to cause birth defects or other reproductive harm.: Benzene; cadmium sulphide

Continued on next page

WARNING: This product contains chemical(s) known to the state of California to cause cancer.: Benzene; Acetaldehyde; 1,4-dioxane; Ethylene oxide; cadmium sulphide

Enthone has not conducted specific studies on the toxicity of this product.

Section 12. Ecological information

Ecotoxicity data

<u>Ingredient name</u>	<u>Species</u>	<u>Period</u>	<u>Result</u>
barium sulfate	Daphnia magna (EC50)	48 hour(s)	32 mg/l
cadmium sulphide	Pimephales promelas (LC50)	96 hour(s)	0.108 mg/l
	Pimephales promelas (LC50)	96 hour(s)	0.153 mg/l
	Pimephales promelas (LC50)	96 hour(s)	0.222 mg/l
	Pimephales promelas (LC50)	96 hour(s)	0.336 mg/l
	Pimephales promelas (LC50)	96 hour(s)	0.354 mg/l
	Pimephales promelas (LC50)	96 hour(s)	1826 mg/l
	Pimephales promelas (LC50)	96 hour(s)	>1000 mg/l
zinc sulfide (zns)	Fish (LC50)	96 hour(s)	
Proprietary Polymer.			

Enthone has not conducted specific studies on the ecotoxicity or enviromental fate of this product.

Section 13. Disposal considerations

Waste disposal : Waste must be disposed of in accordance with federal, state and local environmental control regulations.

Consult your local or regional authorities.

Section 14. Transport information

<u>Regulatory information</u>	<u>UN number</u>	<u>Proper shipping name</u>	<u>Class</u>	<u>Packing group</u>	<u>Label</u>	<u>Additional information</u>
DOT Classification	Not regulated.	-	-	Not available.		Not available.

Section 15. Regulatory information

United States

U.S. Federal regulations : All ingredients comply with applicable rules or orders under United States TSCA and Canadian CEPA regulations.

TSCA 12(b) annual export notification: No products were found.

TSCA 12(b) one time export: No products were found.

TSCA 5(a)2 final significant rules: No products were found.

Clean air act (CAA) 112 accidental release prevention: Acetaldehyde

Clean air act (CAA) 112 regulated flammable substances: Acetaldehyde

Clean air act (CAA) 112 regulated toxic substances: No products were found.

Product name CAS number Concentration

Continued on next page

SARA 313	:	cadmium sulphide	1306-23-6	10-20
	:	di ethylene glycol monoethyl ether acetate	112-15-2	10-20
	:	zinc sulfide (zns)	1314-98-3	1-5

- State regulations** :
- WARNING:** This product contains chemical(s) known to the state of California to cause cancer, birth defects or other reproductive harm: Benzene; Acetaldehyde; 1,4-dioxane; Ethylene oxide; cadmium sulphide
 - WARNING:** This product contains chemical(s) known to the state of California to cause reproductive harm (female): Ethylene oxide
 - WARNING:** This product contains chemical(s) known to the state of California to cause reproductive harm (male): Benzene; cadmium sulphide
 - California prop. 65 (no significant risk level): Benzene; Acetaldehyde: 90 µg/day (inhalation); 1,4-dioxane; Ethylene oxide
 - California prop. 65 (acceptable daily intake level): Benzene; Ethylene oxide
 - WARNING:** This product contains chemical(s) known to the state of California to cause birth defects or other reproductive harm.: Benzene; cadmium sulphide
 - WARNING:** This product contains chemical(s) known to the state of California to cause cancer.: Benzene; Acetaldehyde; 1,4-dioxane; Ethylene oxide; cadmium sulphide
- WHMIS (Canada)** :
- Class B-3: Combustible liquid with a flash point between 37.8°C (100°F) and 93.3°C (200°F).
 - Class D-2A: Material causing other toxic effects (VERY TOXIC).
 - Class D-2B: Material causing other toxic effects (TOXIC).
 - Ingredients not listed on the CEPA DSL:
- Fatty Amide Blend

Section 16. Other information

Definition of Terms

ACGIH	American Conference of Governmental Industrial Hygienists
Ceiling	Maximum exposure limit defined by OSHA
CAS	Chemical Abstract Service
IARC	International Agency for Research on Cancer
NIOSH	National Institute for Occupational Safety and Health
NTP	National Toxicology Program
OSHA	Occupational Safety and Health Administration
PEL	Permissible Exposure Limit
REL	Recommended Exposure Limit
RTK	Right to Know
SARA	Superfund Amendments and Reauthorization Act
STEL	Short Term Exposure Limit
TLV	ACGIH Threshold Limit Value
TLV-C	ACGIH Threshold Limit Value, Ceiling
TRADE SECRET	Claimed as allowed under 29CFR§1910.1200
TSCA	Toxic Substances Control Act
PPE	Personal Protection Equipment
CEPA	Canadian Environmental Protection Act
DSL	Domestic Substance List
NDSL	Non-Domestic Substance List
NSN	New Substance Notification Rules

Disclaimer

This Material Safety Data Sheet may be used to comply with OSHA's Hazard Communication Standard, 29CFR§1910.1200. This Material Safety Data Sheet may also be used to comply with the requirements of Workplace Hazardous Materials Information System, of the Controlled Products Regulations, under the Hazardous Products Act. Enthone furnishes the data contained herein in good faith without liability or legal responsibility for same whatsoever, and no warranty or guarantee, express or implied, is made with respect to such data; nor does Enthone grant permission, recommendation, or inducement to infringe any patent whether owned by Enthone or others. The data is offered solely for your information and consideration. Since conditions of use are beyond Enthone's control, user assumes all responsibility and risk.



Cookson Electronics