

SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

Product Name: Uro-Bond V Thinner
Product Code(s): 501503

Manufacturer Name: Urocare Products, Inc.
2735 Melbourne Avenue
Pomona, CA 91767-1931
U. S. A.

Telephone Number: +1 (909) 621-6013

Emergency Number: +1 (800) 457-4280 (US & Canada)
+1 (323) 352-3500 (International)

Fax Number: +1 (909) 621-4436

Recommended Use: Possible applications for Uro-Bond V Thinner might include, but are not limited to: A dilutant for Uro-Bond V silicone adhesives, a degreasing agent or as a solvent.

Restrictions on Use: Not recommended for use as an adhesive remover.

SECTION 2 - HAZARD(S) IDENTIFICATION

Hazard Identification: Critical hazards not otherwise classified.
Hazard Category: Warning — H320, Causes eye irritation

Index No.	International Chemical Identification	EC No.	CAS No.	Classification		Labeling			Specific Conc. Limits, M-Factors
				Hazard Class and Category Code(s)	Hazard Statement Code(s)	Pictogram Signal Word Code(s)	Hazard Statement Code(s)	Suppl. Hazard Statement Code(s)	
	Proprietary Non-Flammable Solvent (NFS)	Trade Secret	Trade Secret	Eye Irritant 2B	Xi R:36	GHS07	H320		200 ppm

Labeled Contents:

Proprietary Non-Flammable Solvent (Trade Secret)

Symbol(s): Exclamation point.



Signal Word(s): Warning, Irritant.

Hazard Warning Information:

H320: Causes eye irritation.

Hazard Prevention Measures:

P233: Keep container tightly closed.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P264: Wash hands thoroughly after handling.

Hazard Response:

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. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

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P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with soap and water/shower.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P370+P378: In case of fire: Use alcohol-type or universal-type foams applied by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical for small fires for extinction.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, county, state and federal regulations.

Supplemental:

EUH066: Repeated exposure may cause skin dryness or cracking.

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Emergency Overview: DANGER! May cause temporary eye irritation. May be harmful by inhalation or if swallowed. This silicone dispersion is a colorless liquid with a slight odor.

Potential Chronic Health Effects:

Carcinogenic Effects: No reported carcinogenic effects; low carcinogenicity potential.

Mutagenic Effects: No assigned mutagenic effect classification.

Reproduction Toxicity: No mammalian developmental/reproductive effects reported.

SECTION 3 - COMPOSITION & INFORMATION ON INGREDIENTS

This product does not contain asbestos or polychlorinated biphenyls.

Synonym(s): Non-Flammable Solvent (NFS).

Chemical Name: Proprietary Non-Flammable Solvent (NFS).

Chemical Formula: Proprietary

Hazardous Components (Specific chemical identity/ Common name):

LIQUIDS: 100% Solvent (NFS), CAS #: Trade Secret, EINECS #: Trade Secret, Non-Flammable

SECTION 4 - FIRST AID MEASURES

Any material aspirated during vomiting may cause lung injury; therefore, emesis should not be induced mechanically or pharmacologically. If it is considered necessary to evacuate the stomach contents, this should be done by means of least likely to cause aspiration (e.g. gastric lavage after endotracheal intubation).

Skin Contact: Remove contaminated clothing and wash skin with soap and water. Wash contaminated clothing before reuse.

Eye Contact: Flush with water and continue washing for at least 15 minutes. Obtain medical attention if symptoms persist.

Ingestion: Rinse mouth. Ingestion may result in gastric disturbances. Obtain medical attention immediately.

Inhalation: Remove to fresh air. Give artificial respiration if not breathing. Oxygen may be given by qualified personnel if breathing is difficult. Obtain medical attention.

Most Important Symptoms and Effects, Both Acute and Delayed: Respiratory tract irritation signs/symptoms may include coughing, sneezing, nasal discharge, headache, hoarseness and nose/throat pain. Contact with the skin during normal product use is not expected to result in irritation. Moderate eye irritation signs/symptoms may include redness, swelling, pain, tearing, and blurred/hazy vision. Gastrointestinal irritation signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Indication of immediate medical attention and special treatment needed: No additional information available.

Always seek medical attention if irritation continues.

SECTION 5 - FIRE-FIGHTING MEASURES

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Suitable Extinguishing Media: Apply water-type or universal-type foams applied by manufacturer's recommended techniques for large fires. Use water or foam for small fires.

Special Fire Fighting Procedures: Do not spray a solid stream of water or foam directly into a pool of hot, burning liquid as this may cause frothing and may intensify the fire. Use NIOSH approved positive-pressure self-contained breathing apparatus when fighting fire in an enclosed area.

Unusual Fire and Explosion Hazards: Exposure to extreme heat temperatures greater than 300° F (150° C) may give rise to thermal decomposition. This product can generate Carbon Monoxide and Carbon Dioxide during combustion. See section 10 for further information.

Special Fire Fighting Equipment: Use NIOSH approved positive-pressure self-contained breathing equipment and protective clothing should be worn in fighting fires involving chemicals which produce carbon, carbon dioxide, carbon monoxide, etc.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Take care floor surface will be slippery at site of spillage.

Advice for Non-Emergency Personnel: Evacuate the danger zone; follow emergency precautions. Secure emergency assistance immediately. Avoid contact with the material; do not breathe vapors or aerosol. If possible, provide additional ventilation.

Advice for Emergency Responders: Do not take action without proper training and emergency equipment. See Section 8 for additional information. Evacuate surrounding areas. Avoid all contact with spilled material. Maintain adequate ventilation and wear appropriate respiratory protection.

Methods and materials for containment: Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, surface waters, basements or confined areas. Wash spillage into effluent treatment plant. Contain and collect spillage using appropriate personal protective equipment. Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products or if a risk assessment indicates this is necessary.

Small Spills: Collect and contain spillage with non-combustible, absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth) and place in a container for disposal according to local regulations.

Large Spills: Stop leak if without risk. Collect and contain spillage with non-combustible, absorbent material (e.g. sand, earth, vermiculite or diatomaceous earth) and place in a container for disposal according to local regulations.

Protective Equipment:

EYES: None deemed necessary; however, safety glasses are recommended.

SKIN: Washing with soap and water after use/handling is adequate. Remove contaminated clothing and shoes as soon as practical and clean thoroughly before reuse. Rubber or plastic gloves are recommended.

SECTION 7 - HANDLING AND STORAGE

Steps to be taken in the event of spillage or chemical release: Wear suitable protective clothing.

Waste Disposal Methods: The product is NOT biodegradable. In its purchased form (3 fluid ounces or less), the product does not require any special disposal methods; however, disposal in accordance with applicable local, county, state and federal regulations is recommended.

Precautions to be taken in Handling and Storage: Normal precautions common to safe manufacturing practices should be followed in handling and storage. Keep container closed, in a cool, dry place. Keep well ventilated. Do not breathe fumes. May be harmful if swallowed or inhaled.

Other Precautions: Do not use brush-cap for storage, this will accelerate evaporation.

SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

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Control Parameters: Personal, workplace or environmental monitoring may be necessary to ensure exposures are below recommended and legal limits.

Exposure Limits:

Proprietary Non-Flammable Solvent (Trade Secret)	
ACGIH:	200 ppm TWA
NIOSH:	200 ppm TWA; 1400 mg/m ³ TWA
	1000 ppm IDLH (10% LEL)
OSHA (US):	200 ppm TWA; 700 mg/m ³ TWA
Mexico:	200 ppm TWA LMPE-PPT; 700 mg/m ³ TWA LMPE-PPT
EU	200 ppm; 750 mg/m ³

Exposure Limits for Chemicals which may be generated during processing: No components listed.

Exposure Controls: Use only with adequate ventilation. No other controls necessary.

Engineering measures: Use only with adequate ventilation. No other measures necessary.

Personal Protective Measures:

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. Appropriate techniques should be used to remove potentially contaminated clothing. Discard contaminated clothing or wash thoroughly before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eyes/Face Protection: 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.

Skin and Body Protection: None deemed necessary.

Hand Protection: No special requirements for small amounts. For larger amounts, chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is required.

Glove Material: Butyl or Nitrile rubber. Glove thickness should be 0.7 mm or thicker. Break through time: > 240 minutes.

Respiratory System: No special requirements for small amounts. For larger amounts, a properly fitted air purifying respirator or air supply respirator should be worn if a risk assessment indicates that respiratory protection is necessary. Respirator selection must be based upon known or measured levels of exposure.

Other Protective Equipment: None deemed necessary.

Environmental Exposure Controls: Ventilation and engineering controls to protect workers and ventilate work area to at or below recommended employee exposure levels. Do not empty into drains—product is not biodegradable.

SECTION 9 - PHYSICAL & CHEMICAL PROPERTIES

Physical State:	Liquid.
Color/Appearance:	A clear to colorless.
Physical Form:	Liquid.
Odor:	Slight odor.
Odor Threshold:	Not determined.
PH:	Not applicable.
Taste:	Not determined.
Freezing Point:	Not applicable.
Melting Point:	Not applicable.
Boiling Point:	> 109.4° F (43° C).
Evaporation Rate:	Not determined.
Flash Point:	None—Non-Flammable.
LEL:	Not determined.
OSHA Flammability Class:	Not applicable.
UEL:	Not determined.

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Autoignition Point:	Not determined.
Dielectric Strength:	Not determined.
Critical Temperature:	Not determined.
Percent Volatile by Volume:	100%.
Pour Point:	Not determined.
Solubility in Water (%):	Insoluble.
Specific Gravity (water=1):	1.05.
Vapor Density (air=1):	1.28 g/ml.
Vapor Pressure:	350 mmHg at 77° F (25° C).
Viscosity:	0.45 centipoise.

SECTION 10 - STABILITY AND REACTIVITY

Stability:	Stable under normal storage conditions—refer to Section 7.
Instability Temperature:	Not available.
Conditions of Instability:	Incompatible materials.
Corrosivity:	Non-corrosive in presence of glass.
Conditions to Avoid:	If exposed to extreme conditions of heat, toxic decomposition products that include hydrogen chloride, hydrogen fluoride and perfluoroisobutylene (PFIB) can occur.

Incompatibility: Avoid contact with strong bases and strong oxidizers that can cause a reaction—e. g. acids, alkalis, powdered aluminum, zinc, nitrates, etc.

Decomposition Products: Burning can produce oxides of carbon, hydrogen chloride and phosgene (small amounts). Carbon monoxide is highly toxic if inhaled; carbon dioxide in sufficient concentrations can act as an asphyxiant. Acute overexposure to the product of combustion may result in irritation of the respiratory tract.

Hazardous Polymerization: Will not occur.

SECTION 11 - TOXICOLOGICAL INFORMATION

The information below may not be consistent with the material classification if specific ingredient classifications are mandated by a competent authority. In addition, toxicological data on ingredients may not be reflected in the material classification and/or the signs and symptoms of exposure because an ingredient may be present below the threshold for labeling, an ingredient may not be available for exposure, or the data may not be relevant to the material as a whole. Please contact the number shown in Section 1 for further test data/results.

Signs and Symptoms of Overexposure: Based on test data and/or information on the components, this material may produce the following health effects:

Skin Contact:	Contact with the skin during normal product use is not expected to result in irritation.
Eye Contact:	Moderate eye irritation – signs/symptoms may include redness, swelling, pain, tearing, blurred/hazy vision.
Ingestion:	Gastrointestinal irritation – signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Inhalation:	Respiratory tract irritation – signs/symptoms may include coughing, sneezing, nasal discharge, headache, hoarseness and nose/throat pain.

Most Important Symptoms and Effects, Both Acute and Delayed: Respiratory tract irritation signs/symptoms may include coughing, sneezing, nasal discharge, headache, hoarseness and nose/throat pain. Contact with the skin during normal product use is not expected to result in irritation. Moderate eye irritation signs/symptoms may include redness, swelling, pain, tearing, and blurred/hazy vision. Gastrointestinal irritation signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

Indication of immediate medical attention and special treatment needed: No additional information available.

Chronic Effects on Humans:

Carcinogenic Effects: This product does not contain any ingredient designated by IARC, NTP, ACGIH or OSHA as probable or suspected human carcinogens.

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Other Toxic Effects: No data available.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity: This product is not classified as Dangerous to the Environment.

BOD5 and COD: Not available.

Products of Biodegradation: Product does not degrade.

Toxicity of the Products of Biodegradation: Not applicable.

Chemical Fate Information: Complete information not yet available—contact the number shown in Section 1 for further information.

SECTION 13 - DISPOSAL CONSIDERATIONS

Waste Disposal Methods: The product is NOT biodegradable. The product does not require any special disposal methods in its purchased form (3 fl. ozs. (88.7 mL.) or less); however, disposal in accordance with applicable local, county, state and federal regulations is recommended.

EU Waste Code Number: No Waste Code Number available.

EPA Hazardous Waste Number (RCRA): Not Regulated.

SECTION 14 - TRANSPORTATION INFORMATION

Material identification:

Authority	Proper Shipping Name	Hazard Class	Hazard Label	UN #	Packing Group	
DOT†	Not a Dangerous Good	N/A	N/A	N/A	N/A	No Placard Needed
TDG/ADR†	Not a Dangerous Good	N/A	N/A	N/A	N/A	
RID	Not a Dangerous Good	N/A	N/A	N/A	N/A	
ICAO/IATA	Not a Dangerous Good	N/A	N/A	N/A	N/A	
IMO/IMDG	Not a Dangerous Good	N/A	N/A	N/A	N/A	

† Labeling: Product is exempt from labeling requirements in containers under 0.3 gallons (1 Liter). Regulation 49 CFR § 173.118(a).

ADR Tunnel Code Restrictions: This list contains tunnel restriction codes for those substances and/or chemically related entries which are found in chapter 3.2 of the ADR regulations.

None Listed.

SECTION 15 - REGULATORY COMPLIANCE INFORMATION

Safety, health and environmental regulations/legislation specific for the substance or mixture:

RCRA Hazard Class (40CFR 261, if discarded): Not applicable in its purchased form.

C.H.I.P. Regulations:

Designation: Uro-Bond® V Adhesive Thinner

Symbol(s): Xi, Exclamation Point



Indication of Danger: Warning, Irritant

R36: Irritating to eyes.

Safety Phrases:

S3: Keep container tightly closed.

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S7: Keep container in a cool place.

S8: Keep container dry.

S9: Keep container in a well ventilated place.

S23: Do not breathe gas/fumes/vapor/spray (appropriate wording to be specified by the manufacturer).

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice if irritation persists.

C.H.I.P. Regulation 1993 Requirements: Physico-chemical and health hazard determination of all substances and preparations manufactured, transported, stored, modified or consumed within the EEC. Components present in this product at a level, which could require reporting under the statute, are: None.

US Federal Regulations: This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 311/312 (40 CFR 370.21), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

CERCLA: None.

SARA Section(s) 302/304: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302/304.

SARA Section(s) 311/312 (40 CFR 370 Subparts B and C): No SARA Hazards.

SARA Section(s) 313 (40 CFR 372): This product contains one or more chemical components with known CAS numbers that are subject to reporting levels established by SARA Title III, Section 313.

Component	CAS No.	EINECS	% by Weight
1,2-trans-dichloroethylene	107-06-2	203-458-1	Trade Secret
1,2-dichloroethane (as part of an inhibited solution)	156-60-5	205-860-2	Trade Secret

RCRA: Product has no RCRA characteristics.

OSHA: This SDS has been prepared in accordance with OSHA Regulation No. 29 CFR 1910.1200 to comply with the Hazard Communication Standard (HCS). Important: This information must be included in all SDS that are copied and distributed for this product.

STATE RIGHT-TO-KNOW COMPLIANCE:

The following components appear on one or more of the following state hazardous substance lists:

Component	CAS No.	CA	CN	FL	IL	LA	MA	MN	NJ	NY	RI	PA
1,2-dichloroethane (as part of an inhibited solution)	107-06-2	Yes					Yes		Yes			Yes
1,2-trans-dichloroethylene	156-60-5						Yes		Yes			Yes

California Proposition 65: This product does contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm: **1,2-trans-dichloroethylene**.

EPA Hazard Categories: None.

Canadian WHMIS Ingredient Disclosure List (IDL): Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on SDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL.

Siloxanes and Silicones, Di-Methyl, vinyl group-terminated (68083-19-2) 23-25%

Germany Water Classification (WGK): Not a hazard to waters.

Symbol(s):

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Xi: Irritant

Risk Phrases:

R36: Irritating to eyes.

R66: Repeated exposure may cause skin dryness or cracking.

Safety Phrases:

S2: Keep out of the reach of children.

S16: Keep away from sources of ignition - No smoking.

S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

Component Analysis – Inventory:

Component	CAS No.	JP	CA	EU	AU	PH	MX	KR	CN	NZ
Ethane, 1,2-dichloro (as part of an inhibited solution)	156-60-5	ENCS	DSL	EIN	AICS	PICCS	INSQ	ECL	IECSC	NZIoC

Globally Harmonized System of Classification and Labeling (GHS): The listed component(s) of this material have been checked for country-specific published classifications according to the Globally Harmonized System of Classification and Labeling (GHS). The results of the queries are displayed below. Please see the individual country listings, as additional interpretations or reference information may be available.

European Union (EU) GHS Classifications: Classifications below according to Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures (CLP).

ETHANE, 1,2-DICHLORO (156-60-5)

Eye Irritation – Category 2B
Single exposure – Category 1

H320: Causes eye irritation.

H336: May cause drowsiness or dizziness.

European Union GHS Labeling Information: Labeling information below is according to Regulation (EC) No 1272/2008 on classification, labeling and packaging of substances and mixtures (CLP).

ETHANE, 1,2-DICHLORO (156-60-5)

Symbol(s): Exclamation Point.



Signal Word: Irritant

Hazards(s):

H320: Causes eye irritation.

Prevention:

P233: Keep container tightly closed.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P271: Use in a well-ventilated area.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P264: Wash hands thoroughly after handling.

Response:

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. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P303+P361+P353: IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

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P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P370+P378: In case of fire: Use water-type or universal-type foams applied by manufacturer's recommended techniques for large fires. Use water or foam type for small fires for extinction.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, county, state and federal regulations.

Supplemental:

EUH066: Repeated exposure may cause skin dryness or cracking.

Japan GHS Classifications: Classifications below published under Japan's Chemicals Classification Program according to the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

ETHANE, 1,2-DICHLORO (156-60-5)

Eye irritation – Category 2B

H320: Causes eye irritation.

Specific target organ toxicity – Single exposure – Category 1

H335: May cause respiratory irritation.

Japan GHS Labeling Information: Labeling information below is according to classifications published by Japan's Chemicals Classification Program according to the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

ETHANE, 1,2-DICHLORO (156-60-5)

Symbol(s): Exclamation Point.



Signal Word: Irritant

Hazards(s):

H320: Causes eye irritation.

H335: May cause respiratory irritation.

Prevention:

P233: Keep container tightly closed.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P271: Use in a well-ventilated area.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P264: Wash hands thoroughly after handling.

Response:

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. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P370+P378: In case of fire: Use water-type or universal-type foams applied by manufacturer's recommended techniques for large fires. Use water or foam types for small fires for extinction.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, county, state and federal regulations.

Supplemental:

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EUH066: Repeated exposure may cause skin dryness or cracking.

Korea GHS Classifications (SV): Classifications below published by Korea's Ministry of Environment (MOE), Ministry of Employment and Labor (MOEL) or Office of National Emergency Management (NEMA, physical hazards only).

ETHANE, 1,2-DICHLORO (156-60-5)

MOE: Eye irritation – Category 2B
Specific target organ toxicity – Single exposure – Category 1

H320: Causes eye irritation.
H335: May cause respiratory irritation.

MOEL: Not listed.

NEMA: Not listed.

Korea GHS Labeling Information: Classifications below published by Korea's Ministry of Environment (MOE), Ministry of Employment and Labor (MOEL) or Office of National Emergency Management (NEMA, physical hazards only).

Ministry of Environment (MOE):

ETHANE, 1,2-DICHLORO (156-60-5)

Symbol(s): Exclamation Point.



Signal Word: Irritant

Hazards(s):

H315: Causes skin irritation.

Prevention:

P233: Keep container tightly closed.

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P271: Use in a well-ventilated area.

P261: Avoid breathing dust/fume/gas/mist/vapors/spray.

P264: Wash hands thoroughly after handling.

Response:

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P321: Specific treatment (see treatment instructions on this label).

P370+P378: In case of fire: Use water or universal-type foams applied by manufacturer's recommended techniques for large fires. Use water or foam type for small fires for extinction.

Storage:

P403+P233: Store in a well-ventilated place. Keep container tightly closed.

P403+P235: Store in a well-ventilated place. Keep cool.

P405: Store locked up.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, county, state and federal regulations.

New Zealand GHS Classifications: Classifications below published under Japan's Chemicals Classification Program according to the Globally Harmonized System of Classification and Labeling of Chemicals (GHS)).

ETHANE, 1,2-DICHLORO (156-60-5)

Acute toxicity – Oral – Category 5

Acute toxicity – Inhalation – Category 5

H303: May be harmful if swallowed.

H333: May be harmful if inhaled.

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Serious eye damage/eye irritation – Category 2A **H319:** Causes serious eye irritation.
Specific target organ toxicity – Repeated exposure – Inhalation – Category 2

H373: May cause damage to blood, brain, liver, thyroid gland, adrenal gland and/or body weight through prolonged or repeated exposure if inhaled.

New Zealand GHS Labeling Information: Labeling information below is according to classifications published by Japan's Chemicals Classification Program according to the Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

ETHANE, 1,2-DICHLORO (156-60-5)

Symbol(s): Exclamation Point.



Signal Word: Irritant

Hazards(s):

H333: May be harmful if inhaled.

H335: May cause respiratory irritation.

Prevention:

P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P260: Do not breathe dust/fume/gas/mist/vapors/spray.

P271: Use in a well-ventilated area.

P264: Wash hands thoroughly after handling.

Response:

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P321: Specific treatment (see treatment instructions on this label).

P370+P378: In case of fire: Use water or universal-type foams applied by manufacturer's recommended techniques for large fires. Use water or foam type for small fires for extinction.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, county, state and federal regulations.

Taiwan GHS Classifications: Information below presented according to Taiwan's Bureau of Standards, Metrology and Inspection (BSMI) of the Ministry of Economic Affairs. This agency has published a series of standards (CNS 150301-27 Chemical Classification and Labeling) which provide guidance on classification and labeling of chemicals according to GHS.

ETHANE, 1,2-DICHLORO (156-60-5)

Eye irritation – Category 2B

H320: Causes eye irritation.

Taiwan GHS Labeling Information: Labeling information below according to classifications published by Taiwan's Bureau of Standards, Metrology and Inspection (BSMI) of the Ministry of Economic Affairs. This agency has published a series of standards (CNS 150301-27 Chemical Classification and Labeling) which provide guidance on classification and labeling of chemicals according to GHS.

ETHANE, 1,2-DICHLORO (156-60-5)

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Symbol(s): Exclamation Point.



Signal Word: Irritant

Hazards(s):

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Response:

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.

P332+P313: If skin irritation occurs: Get medical advice/attention.

P312: Call a POISON CENTER or doctor/physician if you feel unwell.

P321: Specific treatment (see treatment instructions on this label).

P370+P378: In case of fire: Use water or universal-type foams applied by manufacturer's recommended techniques for large fires. Use water or foam type for small fires for extinction.

Storage:

P403+P235: Store in a well-ventilated place. Keep cool.

Disposal:

P501: Dispose of contents/container in accordance with applicable local, county, state and federal regulations.

Chemical Safety Assessment: Urocare has not conducted a chemical safety assessment for this product.

SECTION 16 - OTHER INFORMATION

Training Advice: Provide safety information, instruction and training to operators handling Ethyl Acetate.

The information and recommendations herein are taken from data contained in independent, industry recognized references. Although reasonable care has been taken in the preparation of the information herein, Urocare Products, Inc. makes no guarantee, warranty (express or Implied) or other representation and assumes no responsibility as to the accuracy or suitability of such information for application of the information, since conditions of its use are beyond the control of these companies. Urocare Products, Inc. shall not bear any liability whatsoever for any loss or damage incurred in connection with the use of this substance.

Since the use of this information and the conditions of use of the product are not within the control of Urocare products, Inc., users should consider this data only as a supplement to other information gathered by them and must make independent determinations of suitability and completeness of information from all sources to assure proper use and disposal of these materials and the safety of employees and customers.

Acronyms/Abbreviations:

CAS: Chemical Abstract Service

CFR: Code of Federal Regulations

DOT: Department of Transportation

EINECS: European Inventory of Existing Commercial Chemical Substances

EPA: Environmental Protection Agency

EU: European Union

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

HCS: Hazard Communication Standard

HMIS: Hazardous Materials Identification System

IARC: International Agency for the Research on Cancer

IATA: International Air Transport Authority

SAFETY DATA SHEET



IDL: Ingredients Disclosure List
ICAO: International Civil Aviation Organization
IMDG: International Maritime Dangerous Goods code
IMO: International Maritime Organization
ISO: International Standards Organization
LC₅₀: Lethal concentration 50
LD₅₀: Lethal dose 50
mg/kg: Milligram per kilogram
ml/kg: Milliliter per kilogram
MSDS: Material Safety Data Sheet
NTP: Nation Toxicology Program
OSHA: Occupational Safety and Health Administration
RCRA: Resource Conservation and Recovery Act
SDS: Safety Data Sheet
TSCA: Toxic Substances Control Act
UN: United Nations
WHMIS: Workplace Hazardous Materials Information System
CTDG: Canadian Transportation of Dangerous Goods

Urocure Products, Inc. urges each customer or recipient of this SDS to study it carefully to become aware of and understand the hazards associated with the product. The reader should consider consulting reference works or individuals who are experts in ventilation, toxicology and fire prevention as necessary or appropriate to the use and understanding of the data contained in the SDS.

To promote safe handling, each customer or recipient should: (1) notify its employees, agents, contractors and others whom it knows or believes will use this material of the information regarding hazards or safety; (2) furnish this same information to each of its customers for the product; and (3) request its customers to notify their employees, customers and other users of the product of this information.

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