

replacement

Safety Data Sheet Degreaser Solvent

SECTION I - IDENTIFICATION

PRODUCT NAME: Degreaser Solvent
PRODUCT CODE: DS-1
PRODUCT USE: Degreaser
COMPANY NAME: Vapco Products Inc.
COMPANY ADDRESS: 401 Marshall Road, Valley Park, MO 63088
COMPANY PHONE: 636-923-2121
EMERGENCY PHONE: 800-255-3924

SECTION II - HAZARDS IDENTIFICATION

CLASSIFICATION: Flammable Liquid: Category 3

Carcinogenicity: Category 1B

HAZARD STATEMENT(S): DANGER: Flammable liquid and vapor. May cause cancer.

This product contains the following percentage of chemicals of unknown toxicity: 0%

PRECAUTIONARY STATEMENTS: Keep away from heat, sparks, open flames, and hot surfaces. -No smoking. Keep container tightly closed. Wear protective gloves and eye protection. If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. If exposed or concerned: Get medical attention. In case of fire use dry chemical, foam, or carbon dioxide. Store in a well-ventilated place locked up. Keep cool. Dispose of contents and container in accordance with local, state, and national regulations.

For large quantities: Ground or bond container and receiving equipment. Use explosion-proof electrical, ventilating, and lighting equipment. Use only non-sparking tools. Take precautionary measures against static discharge.

SYMBOL:



HAZARDS NOT OTHERWISE CLASSIFIED: N/A

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS NUMBER	PERCENT
Stoddard Solvent	8052-41-3	40-60%
Tetrachloroethylene	127-18-4	30-50%
Dichloromethane	75-09-2	10-30%
1,2,4-Trimethylbenzene	95-63-6	0.1-10%
1,3,5-Trimethylbenzene	108-67-8	0.1-10%
Cumene	98-82-8	0.1-10%
Ethyl Benzene	100-41-4	0.1-10%
Xylene (Mixed Isomers)	1330-20-7	0.1-10%

SECTION IV - FIRST AID MEASURES

EYES: Remove contact lenses. Flush with water for at least 15 minutes. See a physician if irritation persists.

INGESTION: If swallowed: Immediately call a poison center or doctor. Do NOT induce vomiting.

INHALATION: Move to fresh air. If breathing is difficult, administer oxygen. If not breathing administer artificial respiration or at any sign of loss of consciousness seek immediate medical attention.

SKIN: Wash thoroughly with soap and water for 15 minutes. Seek medical attention if irritation develops.

ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision

Skin: defatting and dermatitis

Oral: abdominal irritation, nausea, vomiting, and diarrhea

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CHRONIC HEALTH HAZARDS: Possible cancer causing agent. Overexposure may include damage to skin, kidneys, and respiratory system.

NOTE TO PHYSICIAN: There is no specific treatment regimen. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patient.

SECTION V – FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, and alcohol foam.

UNSUITABLE EXTINGUISHING MEDIA: Water spray/stream.

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective clothing and NIOSH approved SCBA with full facepiece operated in positive pressure or pressure demand. Use water mist to keep material cool in fire situations.

UNUSUAL FIRE AND EXPLOSION HAZARDS: FLAMMABLE. Keep away from heat, sparks, open flames and other sources of ignition.

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon

SECTION VI – ACCIDENTAL RELEASE MEASURES

PERSONAL PROTECTIVE EQUIPMENT: Refer to section VIII for proper Personal Protective Equipment.

SPILL: Clean up with non-combustible material like vermiculite, sand or earth. If many pails are opened remove ignition sources. Prevent spill from entering sewers, storm drains, and natural waterways.

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.

RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION VII – HANDLING AND STORAGE

HANDLING AND STORAGE: Keep container tightly closed. Use only non-sparking tools. Take precautionary measures against static discharge. Store in a well ventilated place. Keep cool. Wear protective gloves and eye protection. Store locked up.

OTHER PRECAUTIONS: Keep out of the reach of children.

INCOMPATIBILITY: Strong oxidizers

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

HAZARDOUS INGREDIENT	OSHA PEL	ACGIH TLV
Stoddard Solvent	100 ppm	100 ppm
Tetrachloroethylene	100 ppm	100 ppm
Dichloromethane	25 ppm	50 ppm
1,2,4-Trimethylbenzene	Not Established	25 ppm
1,3,5-Trimethylbenzene	Not Established	25 ppm
Cumene	50 ppm	50 ppm
Ethyl Benzene	435 mg/m ³	20 ppm
Xylene (Mixed Isomers)	500 ppm	100 ppm

ENGINEERING CONTROLS / VENTILATION: General ventilation and local exhaust may be required to meet TLV requirements.

RESPIRATORY PROTECTION: Wear NIOSH/MSHA approved respiratory protection if exposure limits are exceeded.

PERSONAL PROTECTIVE EQUIPMENT: Safety glasses and chemical resistant gloves

ADDITIONAL MEASURES: Wash hands thoroughly after handling.

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear Liquid

ODOR: Solvent odor

ODOR THRESHOLD: N/D

BOILING POINT: N/D

FREEZING POINT: -142.6 °F (-97 °C)

FLAMMABILITY: Flammable Liquid

FLASH POINT: 107.6 °F (42 °C)

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AUTOIGNITION TEMPERATURE: 446 °F (230 °C)
LOWER FLAMMABILITY LIMIT: 0.5%
UPPER FLAMMABILITY LIMIT: 19.5%
VAPOR PRESSURE (mm Hg): 51.62
VAPOR DENSITY (AIR=1): N/D
EVAPORATION RATE: N/D
SPECIFIC GRAVITY (H₂O=1): 1.01 @ 77°F (25°C)
pH: N/A
SOLUBILITY IN WATER: 0%
PARTITION COEFFICIENT: n-OCTANOL/WATER (K_{ow}): N/D
VOLATILE ORGANIC COMPOUNDS (VOC): 54.64%
DECOMPOSITION TEMPERATURE: N/D
VISCOSITY: N/D

SECTION X – STABILITY AND REACTIVITY DATA

REACTIVITY: This product may react with strong oxidizing agents.
CHEMICAL STABILITY: Stable
CONDITIONS TO AVOID: Avoid heat, sparks, and flames.
INCOMPATIBILITY: Strong oxidizers
HAZARDOUS DECOMPOSITION OR BY-PRODUCT: Oxides of carbon
POSSIBLE HAZARDOUS REACTIONS: None Known

SECTION XI – TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: Not Established
ROUTES OF ENTRY: Eyes, Ingestion, Inhalation, Skin
EYES: May cause irritation.
INGESTION: May cause gastrointestinal irritation, nausea, diarrhea, vomiting, aspiration hazard.
INHALATION: May cause dizziness, headaches, drowsiness, collapse, death with excessive or prolonged exposure.
SKIN: May cause irritation, dryness.
MEDICAL CONDITION AGGRAVATED: Pre-existing disorders of the skin and respiratory system will be aggravated by over exposure.
ACUTE HEALTH HAZARDS: Eyes: redness, tearing, blurred vision
Skin: defatting and dermatitis
Oral: abdominal irritation, nausea, vomiting, and diarrhea
CHRONIC HEALTH HAZARDS: Possible cancer causing agent. Overexposure may include damage to skin, kidneys, and respiratory system.
CARCINOGENICITY: OSHA: Yes ACGIH: No NTP: Reasonably Anticipated to be a Human Carcinogen IARC: 2A - Probable 2B - Possible OTHER: No

SECTION XII – ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Not Established
BIODEGRADABILITY: Component or components of this product are not biodegradable.
BIOACCUMULATION: This product is not expected to bioaccumulate.
SOIL MOBILITY: This product is mobile in soil.
OTHER ECOLOGICAL HAZARDS: None Known

SECTION XIII – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Dispose of in accordance with federal, state, and local regulations. Containers may be hazardous when empty.
RCRA STATUS: Waste likely considered hazardous under RCRA, however product should be fully characterized prior to disposal (40 CFR 261).

SECTION XIV - TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Toxic Liquids, Organic, N.O.S (Tetrachloroethylene, Dichloromethane)

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HAZARD CLASS/DIVISION: 6.1
UN/NA NUMBER: UN 2810
PACKAGING GROUP: III

AIR SHIPMENT

PROPER SHIPPING NAME: Toxic Liquids, Organic, N.O.S (Tetrachloroethylene, Dichloromethane)
HAZARD CLASS/DIVISION: 6.1
UN/NA NUMBER: UN 2810
PACKAGING GROUP: III

SHIPPING BY WATER:

VESSEL (IMO/IMDG)
PROPER SHIPPING NAME: Toxic Liquids, Organic, N.O.S (Tetrachloroethylene, Dichloromethane)
HAZARD CLASS/DIVISION: 6.1
UN/NA NUMBER: UN 2810
PACKAGING GROUP: III
ENVIRONMENTAL HAZARDS WATER: Marine Pollutant

SECTION XV - REGULATORY INFORMATION

TSCA STATUS: All Chemicals are listed or exempt.

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Cumene (CAS 98-82-8) Listed.

Dichloromethane (CAS 75-09-2) Listed.

Ethyl Benzene (CAS 100-41-4) Listed.

Tetrachloroethylene (CAS 127-18-4) Listed.

Xylene (Mixed Isomers) (CAS 1330-20-7) Listed.

SARA 311/312 HAZARD CATEGORIES: Acute Health, Chronic Health, Fire Hazard

SARA 313 REPORTABLE INGREDIENTS: Tetrachloroethylene 127-18-4

Dichloromethane 75-09-2

1,2,4-Trimethylbenzene 95-63-6

Cumene 98-82-8

Ethyl Benzene 100-41-4

Xylene (Mixed Isomers) 1330-20-7

STATE REGULATIONS: US. Massachusetts RTK - Substance List

1,2,4-Trimethylbenzene (CAS 95-63-6); 1,3,5-Trimethylbenzene (CAS 108-67-8); Cumene (CAS 98-82-8); Dichloromethane (CAS 75-09-2); Ethyl Benzene (CAS 100-41-4); Stoddard Solvent (CAS 8052-41-3); Tetrachloroethylene (CAS 127-18-4); Xylene (Mixed Isomers) (CAS 1330-20-7);

US. New Jersey Worker and Community Right-to-Know Act

1,2,4-Trimethylbenzene (CAS 95-63-6) 500 LBS; Cumene (CAS 98-82-8) 500 LBS; Dichloromethane (CAS 75-09-2) 500 LBS; Ethyl Benzene (CAS 100-41-4) 500 LBS; Tetrachloroethylene (CAS 127-18-4) 500 LBS; Xylene (Mixed Isomers) (CAS 1330-20-7) 500 LBS

US. Pennsylvania RTK - Hazardous Substances

1,2,4-Trimethylbenzene (CAS 95-63-6); 1,3,5-Trimethylbenzene (CAS 108-67-8); Cumene (CAS 98-82-8); Dichloromethane (CAS 75-09-2); Ethyl Benzene (CAS 100-41-4); Stoddard Solvent (CAS 8052-41-3); Tetrachloroethylene (CAS 127-18-4); Xylene (Mixed Isomers) (CAS 1330-20-7)

US. Rhode Island RTK

1,2,4-Trimethylbenzene (CAS 95-63-6); Cumene (CAS 98-82-8); Dichloromethane (CAS 75-09-2); Ethyl Benzene (CAS 100-41-4); Tetrachloroethylene (CAS 127-18-4); Xylene (Mixed Isomers) (CAS 1330-20-7)

US. California Proposition 65

WARNING: This product contains a chemical known to the State of California to cause cancer.

US - California Proposition 65 - CRT: Listed date/Carcinogenic substance

Cumene (CAS 98-82-8) Listed: April 6, 2010; Dichloromethane (CAS 75-09-2) Listed: April 1, 1988; Ethyl Benzene (CAS 100-41-4) Listed: June 11, 2004; Tetrachloroethylene (CAS 127-18-4) Listed: April 1, 1988

INTERNATIONAL REGULATIONS: All components are listed or exempted.

NFPA HEALTH: 1

HMIS HEALTH: 1

NFPA FLAMMABILITY: 2

HMIS FLAMMABILITY: 2

NFPA REACTIVITY: 0

HMIS REACTIVITY: 0

NFPA OTHER: None

HMIS PROTECTION: B

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SECTION XVI - ADDITIONAL INFORMATION

PREPARATION BY: Chioma Agbai
DATE PREPARED: 09/28/2011
REVISION DATE: 05/29/2018

N/A = Not Applicable; N/D = Not Determined

DISCLAIMER: To the best of our knowledge, information contained herein is accurate. However there is no assumption of liability for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazard which exists. The information contained in this SDS was obtained from current and reliable sources; however, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions or handling, storage and disposal of this product are beyond the control of the manufacturer, the manufacturer will not be responsible for loss, injury, or expense arising out of the products improper use. No warranty, expressed or inferred, regarding the product described in this SDS shall be created or inferred by any statement in this SDS. Various government agencies may have specific regulations regarding the transportation, handling, storage, use, or disposal of this product which may not be covered by this SDS. The user is responsible for full compliance.