

Safety Data Sheet

Date Revised : Dec 2015



GRATE STRIP R2

Section 1: Product Identification

PRODUCT:

Product Name: Grate Strip R2

Product Description: Dimethyl Carbonate, Liquid Solvent, Flammable Distillates

Product Code: S-8442 **AutoChem of Kentucky**

Intended Use: Paint Cleaner and Solvent

Restrictions on Use: Product should only be used in pre-approved areas that are dry, free from excessive heat and additional media contributing to possible fire hazards.

COMPANY IDENTIFICATION:

Supplier:

**Manufactured For AutoChem of KY
Under License By Superior Oil Company**
400 West Regent St.
Indianapolis, IN 46225

Emergency Telephone Number
502-776-8330

Telephone For Information
859-792-2117 or 859-240-4288

E-Mail

admin@autochemky.com

Section 2: Hazards Identification

CLASSIFICATION:

Flammable Liquid: Category 3

Aspiration Hazard: Not Established

Carcinogenicity: Not Established

Specific Target Organ Toxicity (Repeated Exposure): Not Established

Specific Target Organ Toxicity (Single Exposure): Not Established

Skin Irritation: Category 3

Eye Irritation: Category 3

LABEL:



PICTOGRAMS

SIGNAL WORD:

WARNING

HAZARD STATEMENTS:

Physical Statements: H225 Flammable Liquid and Vapor,

Health Statements: H313: May be harmful if contact with skin, H318: May cause eye irritation, H333: May be harmful if inhaled, H303 Harmful if swallowed

Precautionary Statements: P201: Obtain special instructions before use, P202: Do not handle until all safety precautions have been read and understood, P210: Keep away from heat/sparks/open flames/hot surfaces - No Smoking, P233: Keep container tightly closed,

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Section2: Hazards Identification Continued

Precautionary Statements: P235: Keep Cool, P240: Use ground/bond container and receiving equipment, P241: P241: Use explosion-proof electrical/ventilating/ lighting/.../equipment, P242: Use non-sparking tools, P243: Take precautionary measures against static discharge, P264 Wash thoroughly after handling, P280: Wear protective gloves/ protective clothing/eye protection/face protection, P285 In case of inadequate ventilation wear respiratory protection

Disposal: P501: Dispose of contents in accordance to local/national/international regulations

In Case Of Fire: Waterfog, foam, carbon dioxide, dry chemical

Contains: Dimethyl Carbonate, Benzyl Alcohol, Glycolic Acid

Physical / Chemical Hazards: Liquid Solvent, Flammable Liquid

Unclassified Hazards (HNOC): None identified

Section 3: Composition / Information on Ingredients

CAS #	Component	Percent
616-38-6	Dimethyl Carbonate	30-45
100-51-6	Benzyl Alcohol	15-25
29911-28-2	Dipropylene Glycol Butyl Ether	0-5
79-14-1	Hydroxyacetic Acid 70%	0-5
	Proprietary Blend	30-50

*Exact percent chemical concentration per mixture has been withheld as a trade secret

Section 4: First Aid Measures

First Aid: Contact With Eyes

Flush clean with low-pressure water for at least 15 min. Hold eyelids open to ensure adequate flushing. Seek medical attention.

First Aid: Contact With Skin

Wash contaminated area thoroughly with soap and water. Remove contaminated clothing. If irritation develops, seek medical attention. Many chemical and thermal burns require immediate medical attention.

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First Aid: Ingestion

Give several glasses of water. **DO NOT INDUCE VOMITING.** If spontaneous vomiting occurs, lean victim forward to reduce the risk of aspiration. Seek medical help. Call a physician immediately. Do not give anything by mouth to an unconscious person.

First Aid: Inhalation

Remove person to fresh air. If person is not breathing, provide artificial respiration. If necessary, administer additional oxygen once breathing if trained to do so. Call a physician and/or seek medical attention immediately.

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

Notes to physician for immediate medical treatment: Treat symptomatically

Section 5: Fire Fighting Measures

Extinguishing Media:

Water fog, Foam, Carbon Dioxide, Dry Chemical

Unsuitable Extinguishing Media: No information available

Unusual Fire Hazards: Highly flammable. Vapors are flammable and heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback danger.

Combustion Products: Smoke, fumes, incomplete combustion products, oxides of carbon.

Protection For Fire Fighters: Firefighters should use standard protective equipment in enclosed spaces SCBA.

Section 6: Accidental Release Measures

Personal Precautions: Keep away from heat, sparks and open flame, Provide sufficient ventilation, use explosion-proof ventilation equipment or wear suitable respiratory equipment. Prevent contact with eyes or skin. See Section 8.

Emergency Procedures: Evacuate area. If a leak or spill has not ignited, use water spray to disperse the vapors and

to protect the persons attempting to stop a leak. Prevent runoff from fire control or dilution from entering streams, sewers, drinking water supply. Firefighters should use standard protective equipment and in enclosed spaces SCBA. Use water spray to cool fire exposed surfaces and protect personnel.

Environmental Precautions: Prevent runoff from fire control or dilution from entering streams, sewers, drinking water supply.

Methods For Clean-up: Stop leak if you can do it without risk. All equipment used when handling should be grounded.

Do not touch or walk through spilled material. Prevent entry into waterways, sewer, basements, or confined spaces. Use non sparking tools to collect material. Absorb with dry earth, sand, or other non-combustible material and transfer to containers.

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Section 7: Handling and Storage

Precautions For Safe Handling: Avoid breathing of vapor. Avoid contact with eyes, skin, and clothing. Keep away from ignition sources, use only electrically grounded handling equipment and ensure adequate ventilation/fume exhaust hoods. Do not eat, drink or smoke while handling. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating area

Storage: Store in a cool and well ventilated area. Keep away from ignition sources such as electrical equipment, and incompatible materials, particularly oxides of carbon. Keep container closed when not in use. Store locked up. Follow all precautionary information on container label, product bulletins and solvent cementing literature.

Section 8: Exposure Controls / Personal Protection

Control Parameters: Follow all regulatory rules for exposure **Exposure Limits:** Unknown

Engineering Controls: The levels and types of controls necessary will vary depending upon potential exposure conditions. Control measures to consider: adequate ventilation should be provided so that exposure limits are not exceeded

Personal Protective Equipment (PPE):

Eye Protection: Avoid contact with eyes, wear splash-proof chemical goggles, face shield, safety glasses (spectacles) with brow guards and side shields, etc. as may be appropriate for the exposure.

Skin Protection: Prevent contact with skin as much as possible. Wear chemical resistant gloves and barrier clothing.

Respiratory Protection: If engineering controls do not maintain airborne contaminants at a level which is adequate to protect worker health, an approved respirator may be appropriate. Respirator selection, use, and maintenance must be accordance with regulatory requirements if applicable.

Section 9: Physical and Chemical Properties

Appearance: White Emulsion

Odor: Slight Aromatic

Odor Threshold: No data available

pH: 3.0

Flash Point: 128F

Melting Point: NE

Boiling Point: 205C

Evaporation Rate: 1.2 Water=1

Flammability (solid,gas): Flammable

Upper/Lower Explosive Limits: Specific data not available

Freezing Point: 32F

Decomposition Temp:

Flammability (solid,gas): Flammable

Physical State: Liquid

Solubility In Water: Emulsifies

Boiling Range: >205C

Specific Gravity: 1.043

Partition coefficient:n-octanol/water : No data available

Vapor Density: Heavier than air

Vapor Pressure: NE

Molecular Weight: Proprietary

Viscosity: 150000 CPS

VOC: .90 Per Gal Per EPA Method 31

Auto Ignition Temp: N/E

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Section 10: Stability and Reactivity

Reactivity: Stable under recommended storage conditions

Stability: Stable

Conditions To Avoid: Keep away from heat, sparks, ignition sources, and open flame

Possibility of Hazardous Reactions: None Identified

Hazardous Decomposition Products: Thermal decomposition of this product will result in production of carbon monoxide and carbon dioxide

Incompatible Materials: Strong bases and strong oxidizers

Section 11: Toxicological Information

Likely Routes of Exposure: Inhalation, Eye and Skin Contact

Acute Symptoms and Effects:

Inhalation: Severe overexposure may result in nausea, dizziness, headache. Can cause drowsiness, irritation of eyes and nasal passages.

Eye Contact: Severe overexposure to vapor or mist or direct contact with the product, may result in slight to moderate eye irritation. Symptoms of exposure may include: headache, nausea, coughing, chest pain, and vomiting

Skin Contact: On prolonged contact, may irritate skin and cause dermatitis. May aggravate existing skin conditions. Prolonged contact may result in absorption of potentially harmful amounts of material with identical symptoms of ingestion.

Chronic (Long-term) Effects: None Listed

Toxicity:

Carcinogenicity

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive Effects: NE **Teratogenicity:** NE **Mutagenicity:** NE **Embryotoxicity:** NE

Section 12: Ecological Information

Toxicity: NE

Persistence and Degradability: NE

Bioaccumulative Potential: Almost None

Mobility In Soil: NE

Section 13: Waste Disposal

Absorb with non-combustible material and place in a DOT approved waste container. Avoid sewage disposal. Consult Federal/State or local authorities for proper disposal procedures.

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Section 14: Transport Information

UN #: UN2924

UN Proper Shipping Name: Flammable, Corrosive, N.O.S. (Benzyl Alcohol)(Dimethyl Carbonate)(Glycolic Acid)

Transport Hazard Classes: DOT 3(8)

Packing Group II

Secondary Risks: None

Marine Pollutant: NO

Shipping Quantity: 55 GAL Drum 275 GAL Tote

Section 15: Regulatory Information

TSCA Status: All ingredients are listed in the TSCA inventory

Precautionary Label Information: Flammable, Irritant

Risk Phrases: Flammable , May Irritate Skin, May cause dizziness and nausea

Safety Phrases: S9: Keep in a well-ventilated place, S16Keep away from sources of ignition - No Smoking
S25: Avoid contact with eyes, S26:in case of contact with eyes, rinse immediately with plenty of water and seek medical advice, S33Take precautionary measures against static discharges, S46: If swallowed, seek medical advise immediately and show this container label.

Section 16: Other Information

Specific Information:

Department Issuing Data: AutoChem of Kentucky, Department of Development

Training Necessary:

Reissue Date / Reason For Reissue: 12/21/15 Comply With GHS Standard Format

Intended Use of Product: Industrial Cleaning Solvent

We certify that all chemical substances in this product do comply with all applicable rules or orders under toxic substances control act (TSCA) and that that I am not offering a chemical substance for the entry into the United States in violation of TSCA or any applicable rules under TSCA.

AutoChem urges each customer or recipient of this (SDS) to study it carefully and consult appropriate expertise, as necessary or appropriate, to become aware of and understand the data contained in this SDS and any hazards associated with the product. The information contained in this SDS is provided in good faith and believed to be accurate as of the date shown. However, no warranty is expressed, implied, assumed, or offered. Regulatory requirements change and may differ between various locations. It is the buyer/end users responsibility to ensure that their activities related to the use of this product comply with all appropriate Federal, State, Local, Provincial laws as well as all necessary safety precautions are observed to ensure the safety of all personnel and property. If you did not receive this SDS from AutoChem please contact AutoChem for the most up to date information.

AutoChem of Kentucky a MEICO Co.

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