



SAFETY DATA SHEET

SDS REVISION DATE: August 23, 2018

GMS Industrial Supply, Inc.
212 Denn Lane, Virginia Beach, VA. 23462
(855) GRN-OGER • www.GreenOger.com

Product ID: GMS1404A

24-Hour Emergency Telephone: 1-800-424-9300 CHEMTREC

SECTION 1) CHEMICAL PRODUCT AND MANUFACTURER'S IDENTIFICATION

Product Name:	Strip-R	Date Printed:	2/15/19
Product ID:	GMS1404A	Supersedes Date:	Nov 15, 2016
Revision Date:	August 23, 2018		
Version:	2.0		
Distributor's Name:	GMS Industrial Supply, Inc.		
Address:	212 Denn Lane, Virginia Beach, VA. 23462		
Emergency Phone:	Chemtrec: (800) 424-9300		
Information Phone Number:	(757) 473-1467		
Product/Recommended Uses:	Paint Stripper		

SECTION 2) HAZARDS IDENTIFICATION

Classification

Aerosols Category 1
Carcinogenicity - Category 1B
Eye Irritation - Category 2A
Gases Under Pressure Compressed Gas
Germ Cell Mutagenicity - Category 1B
Skin Irritation - Category 2
Specific Target Organ Toxicity - Repeated Exposure - Category 2

Pictograms



Signal Word

Danger

Hazardous Statements - Physical

H222 - Extremely flammable aerosol.
H280 - Contains gas under pressure; may explode if heated.

Hazardous Statements - Health

H350 - May cause cancer.
H319 - Causes serious eye irritation
H340 - May cause genetic defects.
H315 - Causes skin irritation.
H373 - May cause damage to organs through prolonged or repeated exposure.

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.

Precautionary Statements - 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 - Do not pierce or burn, even after use.

P201 - Obtain special instructions before use.

P202 - Do not handle until all safety precautions have been read and understood.

P280 - Wear protective gloves, eye protection and face protection.

P264 - Wash hands thoroughly after handling.

P260 - Do not breathe fume, gas, vapors or spray.

Precautionary Statements - Response

P308 + P313 - IF exposed or concerned: Get medical attention.

P314 - Get medical attention if you feel unwell.

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 attention.

P302 + P352 - IF ON SKIN: Wash with plenty of soap and water.

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

P362 + P364 - Take off contaminated clothing and wash it before reuse.

Precautionary Statements - Storage

P410 + P412 - Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

P405 + P403 - Store locked up. Store in a well-ventilated place.

Precautionary Statements - Disposal

P501 - Dispose of contents and container in accordance with all local, regional, national and international regulations.

SECTION 3) COMPOSITION, INFORMATION ON INGREDIENTS

CAS	Chemical Name	% By Weight
0000075-09-2	METHYLENE CHLORIDE	60% - 80%
0000106-97-8	BUTANE	3% - 10%
0000064-17-5	ETHANOL	3% - 10%
0000074-98-6	PROPANE	3% - 10%
0000141-43-5	ETHANOLAMINE	1% - 3%
0001336-21-6	AMMONIUM HYDROXIDE	0.1% - 1%
0000075-56-9	PROPYLENE OXIDE	0.1% - 1%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.

SECTION 4) FIRST-AID MEASURES

Inhalation

Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

If exposed/feel unwell/concerned: Get medical attention.

Eye Contact

Wash immediately with large volumes of fresh water for at least 15 minutes. Get medical attention.

Skin Contact

Wipe off with a towel. Wash with soap and water. Get medical attention if irritation persists.

Ingestion

Rinse mouth. Give two glasses of water. If you feel unwell or if concerned : Get medical advice/attention. Do NOT induce vomiting unless under the advice/direction of doctor/POISON CENTER. Note: Never give anything by mouth to an unconscious or convulsing victim. Keep person warm and quiet.

SECTION 5) FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

Unsuitable Extinguishing Media

None.

Fire-Fighting Procedures

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel.

Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

Special Protective Actions

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

SECTION 6) ACCIDENTAL RELEASE MEASURES

Emergency Procedure

Do not touch or walk through spilled material.

Isolate hazard area and keep unnecessary people away. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

Pick up with mop or wet vac. Rinse spill area with water.

Recommended Equipment

See Section 8) EXPOSURE CONTROLS, PERSONAL PROTECTION

Personal Precautions

Avoid breathing vapor. Avoid contact with skin, eye or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

Environmental Precautions

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

SECTION 7) HANDLING AND STORAGE

General

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

Ventilation Requirements

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

Storage Room Requirements

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Containers that have been opened must be carefully resealed to prevent leakage.

Store at temperatures between 40°F and 100°F.

FOR INDUSTRIAL AND INSTITUTIONAL USE ONLY. FOR USE BY TRAINED PERSONNEL ONLY. KEEP FROM FREEZING.

SECTION 8) EXPOSURE CONTROLS, PERSONAL PROTECTION

Eye Protection

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids. If additional protection is needed for entire face, use in combination with a face shield.

Skin Protection

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and over-boots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers. Where air-filtering respirators are suitable, select an appropriate combination of mask and filter.

Appropriate Engineering Controls

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.

Chemical Name	OSHA TWA (ppm)	OSHA TWA (mg/m3)	OSHA STEL (ppm)	OSHA STEL (mg/m3)	OSHA Tables (Z1, Z2, Z3)	OSHA Carcinogen	OSHA Skin designation	NIOSH TWA (ppm)	NIOSH TWA (mg/m3)	NIOSH STEL (ppm)	NIOSH STEL (mg/m3)	NIOSH Carcinogen
ETHANOL	1000	1900			1			1000	1900			
BUTANE								800	1900			
ETHANOLAMINE	3	6			1			3	8	6	15	
METHYLENE CHLORIDE	25 (a)		125 /15 minutes		1,2	1		b				1
PROPANE	1000	1800			1			1000	1800			
PROPYLENE OXIDE	100	240			1			a				1

Chemical Name	ACGIH TWA (ppm)	ACGIH TWA (mg/m3)	ACGIH STEL (ppm)	ACGIH STEL (mg/m3)
ETHANOL			1000	
BUTANE	1000			
ETHANOLAMINE	3	7.5	6	15
METHYLENE CHLORIDE	50	174		
PROPANE	See Appendix F: Minimal Oxygen Content			
PROPYLENE OXIDE	2			

(C) - Ceiling limit

SECTION 9) PHYSICAL AND CHEMICAL PROPERTIES

Physical and Chemical Properties

Density	8.26202 lb/gal
Density VOC	2.21422 lb/gal
% VOC	26.8%

Appearance	Liquid
Odor Threshold	N.A.
Odor Description	N.A.
pH	N.A.
Water Solubility	N.A.
Flammability	Flash point below 73°F/23°C
Flash Point Symbol	N.A.
Flash Point	-104.4 °C
Viscosity	N.A.
Lower Flammability Level	10.3%
Upper Flammability Level	17.4%
Vapor Pressure	N.A.
Vapor Density	N.A.
Melting Point	N.A.
Freezing Point	N.A.
Low Boiling Point	78.9 °C
High Boiling Point	N.A.
Decomposition Pt	N.A.
Auto Ignition Temp	532.8 °C
Evaporation Rate	N.A.
VOC Composite Partial Pressure	N.A.

SECTION 10) STABILITY AND REACTIVITY

Stability

Stable.

Conditions to Avoid

None.

Incompatible Materials

None known.

Hazardous Reactions/Polymerization

Will not occur.

Hazardous Decomposition Products

None known.

SECTION 11) TOXICOLOGICAL INFORMATION

Skin Corrosion/Irritation

Causes skin irritation

Serious Eye Damage/Irritation

Concentrate is an eye irritant and may cause irritation, redness, or tearing.

Causes serious eye irritation

Carcinogenicity

May cause cancer.

Germ Cell Mutagenicity

May cause genetic defects.

Reproductive Toxicity

No data available

Respiratory/Skin Sensitization

No data available

Specific Target Organ Toxicity - Single Exposure

No data available

Specific Target Organ Toxicity - Repeated Exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard

No data available

Acute Toxicity

No data available

Potential Health Effects - Miscellaneous

0000064-17-5 ETHANOL

The following medical conditions may be aggravated by exposure: liver disease. Tests in some laboratory animals indicate this compound may have embryotoxic activity. Tests in animals demonstrate reproductive toxicity. Ingestion may cause any of the following: stupor (central nervous system depression), gastrointestinal irritation. If absorbed through the skin, may be: harmful.

0000075-09-2 METHYLENE CHLORIDE

Is an IARC, NTP or OSHA Carcinogen. There is limited evidence that this substance causes spontaneous abortions. Contact can severely irritate and burn the skin and eyes with possible eye damage. Skin contact may cause inflammation and burns. Inhalation of high concentrations can have narcotic effects; Carbon monoxide produced as a metabolite in the body.

Acute Exposure

0000075-09-2 METHYLENE CHLORIDE

The substance is irritating to the eyes, skin and respiratory tract. It can cause effects on the CNS, blood, liver, heart and lungs. Exposure could cause carbon monoxide poisoning resulting in impaired functions. Exposure at high concentrations could cause lowering of consciousness and death. Methylene Chloride is a potent irritant of mucous membranes. If swallowed, the substance may cause vomiting and could result in aspiration pneumonitis.

Chronic Exposure

0000075-09-2 METHYLENE CHLORIDE

Inhalation exposure may result in neurological symptoms, including paraesthesiae, respiratory irritation and gastrointestinal disturbances. Long term exposure causes damage to the CNS and to the liver. Repeated or prolonged contact with skin may cause dermatitis.

0000064-17-5 ETHANOL

LC50 (mouse): Approximately 21000 ppm (4-hour exposure); cited as 39 g/m³ (4-hour exposure) (1, unconfirmed)

LD50 (oral, rat): 7060 mg/kg (41); 10600 mg/kg (41); 13660 mg/kg (37)

LD50 (oral, mouse): 3450 mg/kg (1, unconfirmed)

LD50 (oral, guinea pig): 5560 mg/kg (37)

0000141-43-5 ETHANOLAMINE

LD50 (oral, rat): 1720 mg/kg (10); 2100 mg/kg (3); 2740 mg/kg (3,8)

LD50 (oral, mouse): 700 mg/kg (10)

LD50 (oral, guinea pig): 620 mg/kg (10)

LD50 (oral, rabbit): 1000 mg/kg (10)

LD50 (dermal, rabbit): 1018 mg/kg (cited as 1 mL/kg) (10)

0000075-09-2 METHYLENE CHLORIDE

LC50 (guinea pig): 11600 ppm (6-hour exposure) (7)

LC50 (rat): 57000 ppm (15-minute exposure) (8)

LC50 (mouse): 16186 ppm (8-hour exposure) (9)

LD50 (oral, rat): 2100 to 3000 mg/kg (1)

0000106-97-8 BUTANE

LC50 (mouse): 202000 ppm (481000 mg/m³) (4-hour exposure); cited as 680 mg/L (2-hour exposure) (9)

LC50 (rat): 276000 ppm (658000 mg/m³) (4-hour exposure); cited as 658 mg/L (4-hour exposure) (9)

0000075-56-9 PROPYLENE OXIDE

LD50 (oral, rat): 1140 mg/kg (15,16)

LD50 (oral, rat): 947 mg/kg (cited as 1.14 mL/kg) (16)

LD50 (dermal, rabbit): 7175 mg/kg (cited as 8.64 mL/kg) (15)

LD50 (dermal, rabbit): 1246 mg/kg (cited as 1.50 mL/kg) (16)

SECTION 12) ECOLOGICAL INFORMATION

Toxicity

No data available

Persistence and Degradability

No data available.

Bio-Accumulative Potential

No data available.

Mobility in Soil

No data available.

Other Adverse Effects

No data available.

SECTION 13) DISPOSAL CONSIDERATIONS

Waste Disposal

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes.

SECTION 14) TRANSPORT INFORMATION

U.S. DOT Information

UN number: UN1950

Proper shipping name: Aerosols, flammable, (each not exceeding 1 L capacity) (LTD QTY)

Hazard class: 2.1

Packaging group: N.A.

Hazardous substance (RQ): No Data Available

Toxic-Inhalation Hazard: No Data Available

Marine Pollutant: No Data Available

Note / Special Provision: No Data Available

IMDG Information

UN number: UN1950

Proper shipping name: Aerosols, flammable (LTD QTY)

Hazard class: 2.1

Packaging group: N.A.

Marine Pollutant: No Data Available

Note / Special Provision: No Data Available

IATA Information

UN number: UN1950

Hazard class: 2.1

Packaging group: N.A.

Proper shipping name: Aerosols, flammable (LTD QTY)

Note / Special Provision: No Data Available

SECTION 15) REGULATORY INFORMATION

CAS	Chemical Name	% By Weight	Regulation List
0000075-09-2	METHYLENE CHLORIDE	60% - 80%	SARA313, CERCLA,HAPS,SARA312,VHAPS,VOC_exempt,TSCA,RCRA,ACGIH,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer,OSHA
0000074-98-6	PROPANE	3% - 10%	SARA312,VOC,TSCA,ACGIH,OSHA
0000064-17-5	ETHANOL	3% - 10%	SARA312,VOC,TSCA,ACGIH,OSHA
0000106-97-8	BUTANE	3% - 10%	SARA312,VOC,TSCA,ACGIH
0000141-43-5	ETHANOLAMINE	1% - 3%	SARA312,VOC,TSCA,ACGIH,OSHA
0001336-21-6	AMMONIUM HYDROXIDE	0.1% - 1%	SARA313, CERCLA,SARA312,TSCA
0000075-56-9	PROPYLENE OXIDE	0.1% - 1%	SARA313, CERCLA,HAPS,SARA312,VHAPS,VOC,TSCA,ACGIH,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer,OSHA
0000111-42-2	DIETHANOLAMINE	Trace	SARA313, CERCLA,HAPS,SARA312,VHAPS,VOC,TSCA,ACGIH,CA_Prop65 - California Proposition 65,CA_Prop65_Type_Toxicity_Cancer - CA_Proposition65_Type_Toxicity_Cancer

SECTION 16) OTHER INFORMATION

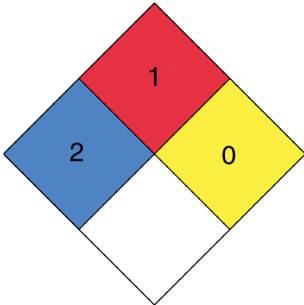
Glossary

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WHMIS- Workplace Hazardous Materials Information System.

HMIS

Health	/ 2
FLAMMABILITY	1
Physical Hazard	0
Personal Protection	B

NFPA



(*) - Chronic effects

Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks

Prepared by: Technical Department

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