

SAFETY DATA SHEET

SDS PREP DATE: 5/10/2023

SDS REVISION DATE: 5/10/2023

Product ID: GMS1404G



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

0011

24 Hour Emergency Telephone: (800) 424-9300 CHEMTREC

This Safety Data Sheet contains environmental, health and toxicology information for your employees. Please make sure this information is given to them. It also contains information to help you meet community Right To Know emergency response reporting requirements under SARA TITLE III and many other laws. If you resell this product, this SDS must be given to the buyer or the information incorporated in your SDS.

Section 1: Company and Product Identification

Product ID: GMS1404G

Product Name: Strip-R

Intended Use: Paint Stripper

Manufacturer/Supplier:

GMS Industrial Supply Inc.

212 Denn Lane,

Virginia Beach, VA 23462

Telephone: 757-473-1467

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

Section 2: Hazard(s) Identification

Product Signal Word: **Danger**

Physical Hazard Classification: H222: Flammable Aerosols, Category 1

H224: Extremely flammable liquid and vapour.

Physical Hazard Precautionary Statements:

H304: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P231: Keep container tightly closed.

P235: Keep cool.

P240: Ground/bond container and receiving equipment.

P241: Use explosion-proof electrical/ventilating/lighting/equipment.

P242: Use only non-sparking tools.

P243: Take precautionary measures against static discharge.

P280: Wear protective gloves/protective clothing/eye protection/face protection.

P303+P361+P353: IF ON SKIN (or hair): wash contaminated area thoroughly.

P303+P361+P353: Rinse skin with water/shower.

P280: Take off immediately all contaminated clothing.

P370+P378: In case of fire: Contact authorities, avoid breathing fumes and smoke.

P377: Use appropriate media to extinguish.

P403: Store in a well-ventilated place.

P501: Dispose of contents/container in accordance with local regulations.



Health Hazard Classification(s):

H302: Acute Toxicity - Oral - Level 4

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Health Hazard Statements:

H312: Acute Toxicity - Dermal - Level 4

H332: Acute Toxicity - Inhalation - Level 4

H314: Skin Corrosion/Irritation -Level 1A -1C

H319: Eye Damage/Irritation -Level 2A

H335: Specific Target Organ Toxicity (Single Exposure) - Level 3

H373: Specific Target Organ Toxicity (Repeated Exposure) - Level 2

H411: Hazardous to the Aquatic Environment - Chronic Hazard- Level 2

H302: Harmful if swallowed.

H312: Harmful in contact with skin.

H314: Causes severe skin burns and eye damage.

H319: Causes serious eye irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H373: May cause damage to organs through prolonged or repeated exposure.

H411: Toxic to aquatic life with long lasting effects.



First-Aid Statement(s):

P301+P310: IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.

P301+P330+P331: IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

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

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

P304+P340: IF INHALED: Remove person to fresh air and keep 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.

P310: Immediately call a POISON CENTER/doctor/physician.

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

P308+P313: Get medical advice/attention if you feel unwell.

See section 12 if specific treatment is applicable.

See Section 12 if specific treatment is applicable.

If eye irritation persists: Get medical advice/attention.

Wash contaminated clothing before reuse.

Handling and Storage Statement(s):

P391: Avoid release to the environment.

P403+P235: Store in a well-ventilated place. Keep container tightly closed.

P405: Store locked up.

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Exposure Control / Personal Protection Statement(s):

- P270: Do not breathe dust/fume/gas/mist/vapours/spray.
- P271: Avoid breathing dust/fume/gas/mist/vapours/spray.
- P264: Wash hands and exposed areas thoroughly after handling.
- P270: Do not eat, drink or smoke when using this product.
- P273: Use only outdoors or in a well-ventilated area.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.

Disposal Statement(s):

- P501: Dispose of contents/container in accordance with local regulations.

Section 3: Product Composition

	CAS#	% Range		PEL	TLV
ACETONE	67-64-1	20%	30%	TWA 1000 PPM	TWA 750 PPM STEL 1000 PPM
MONOETHANOLAMINE	141-43-5	1%	10%	6 PPM TWA	6 PPM TWA
POTASSIUM HYDROXIDE, LIQUID	1310-58-3	5%	20%	NOT ESTABLISHED	NOT ESTABLISHED
ETHANOL, DENATURED ALCOHOL	64-17-5	10%	30%	1,000 ppm	1,000 ppm

Specific chemical identity and exact percentages are withheld as Trade Secret.

Section 4: First-Aid Measures

- IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell.
- IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
- IF ON SKIN: Wash with plenty of water.
- IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
- IF INHALED: Remove person to fresh air and keep comfortable for breathing.
- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Immediately call a POISON CENTER/doctor/physician.
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- Get medical advice/attention if you feel unwell.
- See section 12 if specific treatment is applicable.
- See Section 12 if specific treatment is applicable.
- If eye irritation persists: Get medical advice/attention.
- Wash contaminated clothing before reuse.

GENERAL: This material is an aspiration hazard and defats the skin. Breathing vapors of high concentrations may cause CNS depression.

EYE CONTACT: May cause eye injury which may persist for several days. Liquid and vapor in high concentrations, causes irritation, tearing and burning sensation.

SKIN CONTACT: Low order of toxicity. Frequent or prolonged contact may irritate and cause dermatitis. Skin contact may aggravate an existing dermatitis condition.

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INHALATION: High vapor concentrations (greater than approximately 100 ppm) are irritating to the eyes and the respiratory tract, may cause headaches, dizziness, anesthesia, drowsiness, unconsciousness, and other central nervous system effects, including death.

INGESTION: May be poisonous or fatal if swallowed. A Small amounts of this product can cause mental sluggishness, nausea and vomiting leading to severe illness, and may produce adverse effects on vision with possible blindness or death if treatment not received.

FIRST AID

EYE CONTACT: Flush eyes with large amounts of water until irritation subsides. If irritation persists, get medical attention.

SKIN CONTACT: Flush with large amounts of water; use soap if available. Remove grossly contaminated clothing, including shoes, and leather before reuse.

INHALATION: Using proper respiratory protection, immediately remove the affected victim from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Call for prompt medical attention

INGESTION: If swallowed, DO NOT induce vomiting. Keep at rest. Get prompt medical attention.

PRECAUTIONS

SPECIAL PRECAUTIONS: As a precaution, exposure to liquids, vapors, mists or fumes should be minimized.

PERSONAL PROTECTION: For open systems where contact is likely, wear safety glasses with side shields, long sleeves, and chemical resistant gloves.

Where concentrations in air may exceed the limits, work practice or other means of exposure reduction are not adequate, NIOSH/MSHA approved respirators may be necessary to prevent overexposure by inhalation.

VENTILATION: The use of mechanical dilution ventilation is recommended whenever this product is used in a confined space, is heated above ambient temperatures, or is agitated.

Section 5: Fire-Fighting Measures

GENERAL HAZARD:

Flammable liquid, can release vapors that form flammable mixtures at temperatures at or above the flash point. Static Discharge, material can accumulate static charge which can cause an incendiary electrical discharge. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous. DO NOT pressurize, cut, weld, braze, solder, drill or expose such containers to heat, flame, sparks, static electricity, or other sources of ignition; they may explode and cause injury or death. Empty containers should be completely drained, properly bunged and promptly returned to drum re-conditioner, or properly disposed of.

FIRE FIGHTING:

Use water spray to cool fire exposed surfaces and to protect personnel. Isolate "fuel" supply from fire. Use foam, dry chemical, or water spray to extinguish fire. Avoid spraying water directly into storage containers due to danger of boil over. This liquid is volatile and gives off invisible vapors. Either the liquid or vapor may settle in low areas or travel some distance along the ground or surface to ignition sources where they may ignite or explode.

HAZARDOUS COMBUSTION PRODUCTS: Fumes, smoke and carbon monoxide.

Section 6: Accidental Release Measures

LAND SPILL: Eliminate sources of ignition. Prevent additional discharge of material, if possible to do so without hazard. For small spills implement cleanup procedures; for large spills implement cleanup procedures and, if in public area, keep public away and advise authorities. Also, if this product is subject to CERCLA reporting notify the National Response Center. Prevent liquid from entering sewers, watercourses, or low areas. Contain spilled liquid with sand or earth. Do not use combustible materials such as sawdust. Recover by pumping or with a suitable absorbent. Consult an expert on disposal regulations.

WATER SPILL: Eliminate sources of ignition warn occupants and shipping in surrounding and downwind areas of fire and explosion hazard and request all to stay clear. Remove from surface by skimming or with suitable adsorbents. If allowed by local authorities and environmental agencies, sinking and/or suitable dispersants may be used in non-confined waters. Consult an expert on disposal of recovered material and ensure conformity to local disposal regulation.

Section 7: Handling and Storage

Avoid release to the environment.

Store in a well-ventilated place. Keep container tightly closed.

Store locked up.

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VENTILATION REQUIREMENT: Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

RESPIRATORY PROTECTION: Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

EYES: Face shield and goggles or chemical goggles should be worn.

GLOVES: Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

OTHER CLOTHING EQUIPMENT: Standard work clothing. Standard work shoes; discard if shoes cannot be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

RESPIRATORY PROTECTION: In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

Section 8: Exposure Control / Personal Protection

Do not breathe dust/fume/gas/mist/vapours/spray.

Avoid breathing dust/fume/gas/mist/vapours/spray.

Wash hands and exposed areas thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use only outdoors or in a well-ventilated area.

Wear protective gloves/protective clothing/eye protection/face protection.

VENTILATION REQUIREMENT: Use adequate level exhaust ventilation. Note: Where carbon monoxide may be generated, special ventilation may be required. Local exhaust recommended when appropriate to control employee exposure.

RESPIRATORY PROTECTION: Based on contamination level and working limits of the respirator, use a respirator approved by NIOSH/MSHA.

EYES: Face shield and goggles or chemical goggles should be worn.

GLOVES: Impervious gloves should be worn. Gloves contaminated with the product should be discarded. Polyfluorinated polyethylene has been suggested.

OTHER CLOTHING EQUIPMENT: Standard work clothing. Standard work shoes; discard if shoes cannot be decontaminated. Store contaminated clothing in well ventilated cabinets or closed containers. Wash contaminated clothing and dry before reuse.

RESPIRATORY PROTECTION: In situations where vapor concentrations exceed the recommended exposure limits, a NIOSH approved organic vapor cartridge or air-supplying respirator should be worn.

Section 9: Product Properties

Flash Point (CCP): ND

Boiling Point for Product: ND

Vapor Pressure for Product: ND

Vapor Density for Product: ND

Specific Gravity: ND

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V.O.C.: ND

Water Solubility: ND

Appearance: ND

PH: ND

Section 10: Stability and Reactivity

STABILITY: Stable

CONDITIONS TO AVOID INSTABILITY: Not applicable

HAZARDOUS POLYMERIZATION: Will not occur

MATERIALS AND CONDITIONS TO AVOID INCOMPATIBILITY: Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: Carbon monoxide

Section 11: Toxicological Information

ACETONE 67-64-1

Acute oral toxicity: LD50 Rat: 5,800 mg/kg

Acute inhalation toxicity: LC50 Rat: > 16,000 ppm, 4 h

Acute dermal toxicity: LD50 Rabbit: > 20,000 mg/kg

Single exposure risk: Targets nervous system and may cause drowsiness or dizziness. If a person shows signs of overexposure, remove to fresh air.

MONOETHANOLAMINE 141-43-5

Acute Oral Toxicity: LD50 Rat: 1720 mg/Kg

LD50 Mouse: 700 mg/Kg

Acute Dermal Toxicity: LD50 Rabbit: 1000 mg/Kg

Contains diethanolamine(CAS 111-42-2). Diethanolamine is listed under the 1990 Federal Clean Air Act and the states of Massachusetts and New Jersey as hazardous. The reportable quantity (RQ) under SARA Title III and CERCLA is 100 lb. for Diethanolamine. diethanolamine may form suspected cancer causing nitrosamines if mixed with nitrites. Diethanolamine is regulated under Canada's WHMIS at a threshold level of 1% as an ingredient in mixtures.

POTASSIUM HYDROXIDE, LIQUID 1310-58-3

Acute oral toxicity: LD 50 Rat: 214 mg/kg

When in solution, this material will affect all tissues with which it comes in contact. The severity of the tissue damage is a function of its concentration, the length of tissue contact time, and local tissue conditions. After exposure there may be a time delay before irritation and other effects occur. This material is a strong irritant and is corrosive to the skin, eyes, and mucous membranes. This material may cause severe burns and permanent damage to any tissue with which it comes into contact.

ETHANOL, DENATURED ALCOHOL 64-17-5

Routes of Entry: Inhalation, skin, ingestion.

Health Hazards (acute and chronic): Repeated exposure may exacerbate liver injury produced from other causes. May aggravate existing skin dermatitis.

Oral: May cause nausea, abdominal pain, vomiting, headache, dizziness, shortness of breath, weakness, fatigue, leg cramps, restlessness, confusion, drunken behavior, visual disturbances, drowsiness, coma and death. There may be a delay of several hours between swallowing and the onset of signs and symptoms. The effects observed are in part due to acidosis and partially to cerebral edema. Visual effects include blurred vision, diplopia, changes in color perception, restriction of visual fields and complete blindness. Ingestion of moderate quantities of ethanol also produce metabolic acidosis. Onset of symptoms may be delayed up to 48 hours 60-200 ml of methanol is a fatal dose for most adults. Ingestion of as little as 10 ml may cause blindness.

Dermal: Prolonged or widespread contact may result in the absorption of potentially harmful amounts of material. Repeated contact may cause defatting and drying of the skin.

Inhalation: May cause dizziness, drowsiness, disturbances of vision, tingling, numbness and shooting pains in the hands and forearms. High vapor concentrations may cause a burning sensation in the nose and throat, and stinging and watering in the eyes. At concentrations that cause irritation,

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dizziness, faintness, drowsiness, nausea and vomiting may also occur.

Eyes: Liquid may cause discomfort of the eye with slight excess redness and possibly swelling of the conjunctiva. May cause temporary superficial injury of the cornea.

ACETONE 67-64-1

Acute oral toxicity: LD50 Rat: 5,800 mg/kg
Acute inhalation toxicity: LC50 Rat: > 16,000 ppm, 4 h
Acute dermal toxicity: LD50 Rabbit: > 20,000 mg/kg

Single exposure risk: Targets nervous system and may cause drowsiness or dizziness. If a person shows signs of overexposure, remove to fresh air.

Section 12: Ecological Information

ACETONE 67-64-1

Acute and Prolonged Toxicity to Fish

96 h LC 50 Fathead minnow (*Pimephales promelas*), : 8,733 - 9,482 mg/l Mortality

96 h LC 50 Bluegill (*Lepomis macrochirus*), : 8,300 mg/l Mortality

96 h LC 50 Rainbow trout, donaldson trout (*Oncorhynchus mykiss*), : 4,740 - 6,330 mg/l Mortality

Acute Toxicity to Aquatic Invertebrates

No data

Environmental fate and pathways

No data

POTASSIUM HYDROXIDE, LIQUID 1310-58-3

ECOTOXICITY DATA:

Aquatic Toxicity:

This material is alkaline and may raise the pH of surface waters with low buffering capacity.

This material has exhibited moderate toxicity to aquatic organisms.

Freshwater Fish Toxicity:

LC50 (Mosquito fish): 80 mg/L/96 hr (static bioassay in fresh water at 18-19 C)

LC50 (Fathead Minnow): 179 mg/L/96 hr (static at 22.3-24.7 C)

Invertebrate Toxicity:

EC50 (*Daphnia magna*): 60 mg/L/48 hr (static bioassay at 20.3-20.7 C)

Algae Toxicity:

ErC50 (*Selenastrum capricornutum*): 61 mg/L/96 hr (static bioassay at 23-23.9 C)

FATE AND TRANSPORT:

BIODEGRADATION: This material will disassociate into ionic form in the aquatic environment. Natural carbon dioxide will slowly neutralize this material.

BIOCONCENTRATION: This material will not bioconcentrate.

ADDITIONAL ECOLOGICAL INFORMATION: This material has exhibited slight toxicity to terrestrial organisms.

ECOLOGICAL HAZARDS: This material has exhibited moderate toxicity to aquatic organisms.

ETHANOL, DENATURED ALCOHOL 64-17-5

EC50 *Daphnia magna* 1 9268 - 14221 mg/l (Exposure time: 48 h - Species: *Daphnia magna*)

LC 50 Fish 2 > 100 mg/l (Exposure time: 96 h - Species: *Pimephales promelas* [static])

ErC50 (algae) 1000 mg/l

ACETONE 67-64-1

Acute and Prolonged Toxicity to Fish

96 h LC 50 Fathead minnow (*Pimephales promelas*), : 8,733 - 9,482 mg/l Mortality

96 h LC 50 Bluegill (*Lepomis macrochirus*), : 8,300 mg/l Mortality

96 h LC 50 Rainbow trout, donaldson trout (*Oncorhynchus mykiss*), : 4,740 - 6,330 mg/l Mortality

Acute Toxicity to Aquatic Invertebrates

No data

Environmental fate and pathways

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If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified in Section III with an "*". Additional ecological information is Not Determined.

Section 13: Disposal Information

Dispose of contents/container in accordance with local regulations.

WASTE DISPOSAL METHOD: Consult local authorities for proper waste disposal procedures. Empty de-pressurized containers can not be reused. Cans which are pressurized or contain liquid must be disposed of in a permitted waste management facility. Consult Federal, State, and local disposal authorities for approved procedures.

Section 14: Transportation Information

DOT Proper Shipping Name: UN1993

Flammable Liquid N.O.S
(Ethanol And Acetone)

Section 15: Regulatory Information

	CAS#	PEL	TLV
ACETONE	67-64-1	TWA 1000 PPM	TWA 750 PPM STEL 1000 PPM
MONOETHANOLAMINE	141-43-5	6 PPM TWA	6 PPM TWA
POTASSIUM HYDROXIDE, LIQUID	1310-58-3	NOT ESTABLISHED	NOT ESTABLISHED
ETHANOL, DENATURED ALCOHOL	64-17-5	1,000 ppm	1,000 ppm

State of California SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT OF 1986.

WARNING: IN ACCORDANCE WITH PROP 65, THIS PRODUCT CONTAINS A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS AND OTHER REPRODUCTIVE HARM.

If applicable, IARL, NPT and OSHA carcinogens and chemicals subject to the reporting requirements of SARA Title III, Section 313 are identified above with an "*".

All material components are listed in the U.S. TSCA inventory.

Section 16: Other Information

Consumer Product Safety Act Certificaton.

This product was evaluated by the Company listed above and is certified to be in compliance with the provisions of the Consumer Product Safety Act, the Federal Hazardous Substances Act, and the Poison Prevention Packaging Act, as applicable. This product was manufactured at the location identified on the SDS. The date of manufacture is stamped on the product container. No testing is required to certify compliance with the above mentioned regulation.

The above information is based on the data of which we are aware and is believed to be correct as of the date hereof. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since data made available subsequent to the date hereof may suggest modification of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.