

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

HEALTH

HMIS^a

2*

REACTIVITY

0

FLAMMABILITY

0

PERSONAL PROTECTION

B

Identity (As Used on Label and List)

GR51 (16216, 16220)

Grease Gun in a Can®

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

SECTION I

Distributor's Name K-Chem, Inc.	Emergency Telephone Number 1-800-535-5053
Address (Number, Street, City, State, and ZIP Code) 3908 3rd Avenue South	Telephone Number for Information 1-800-51K-CHEM (515-2436)
Birmingham, AL 35222	Date Prepared April 27, 2005
	Signature of Preparer (Optional) Regulatory Dept.

SECTION II - Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	CAS No.	OSHA PEL	ACGIH-TLV	Other Limits Recommended	% (Opt.)
* Methylene chloride	75-09-2	25 ppm	50 ppm	STEL 125 ppm	50- 60 %
*Perchloroethylene	127-18-4	100 ppm	25 ppm	STEL 100 ppm	5 - 10 %
Petroleum distillate	64742-48-9	300 ppm	300 ppm	STEL 400 ppm	10 - 30 %
Carbon Dioxide	124-38-9	5000 ppm	5000 ppm	STEL 30,000 ppm	1- 5 %
Aluminum Distearate	300-92-5	2 mg/m ³	2 mg/m ³		1- 5 %

*This product contains Methylene chloride (syn. Dichloromethane) and Perchloroethylene (syn. Tetrachloroethylene) which is listed and may require reporting under SARA Title III Section 313 if used over the threshold reporting quantity. This information must be included in all MSDSs that are copied and distributed for this material.

TSCA: All ingredients are on the TSCA inventory or are not required to be listed on the TSCA inventory.

Any substance listed as hazardous by the States of California, Florida, Illinois, Michigan, New Jersey, Ohio, Pennsylvania or Texas is described above if known present in regulated concentrations.

SECTION III Physical/Chemical Characteristics

Boiling Point Concentrate - Initial	250° F	Specific Gravity (H₂O = 1) Concentrate	1.108
Pressure (psig. @ 70° F)	65 ± 5	Melting Point	No Data
Vapor Density (AIR = 1)	No Data	Evaporation Rate (Butyl Acetate = 1)	No Data
Solubility in Water	Insoluble	pH	Not Applicable
Appearance and Odor - Clear red liquid with a characteristic petroleum distillate odor in an aerosol can.		VOC's --This product contains 165 grams per liter or 22 % by weight VOC's.	

SECTION IV - Fire and Explosion Hazard Data

USA Flame Projection Test (ASTM D-3065) 0", No flashback: Not flammable.	Flammable Limits No Data	LEL No Data	UEL No Data
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Extinguishing Media - Treat as an oil fire. Use dry chemical, carbon dioxide or foam. Water may froth and cause fire to spread. Fire may float on water.

Special Fire Fighting Procedures Use water spray to keep containers cool and vapors down. Do not allow runoff to enter sewers or public watercourses. Wear self-contained breathing apparatus in chemical fires.

Unusual Fire and Explosion Hazards Aerosol container (pressurized) may burst if heated over 120° F. . Extremely flammable contents. Vapors are heavier than air and may travel to ignition source where they may ignite.

SECTION V - Reactivity Data

Stability	Unstable		Conditions to Avoid - Extreme heat, sparks, direct sunlight
	Stable	X	

Incompatibility (Materials to Avoid) - Oxygen, nitrogen, strong acids, bases and oxidizing agents, reactive metals, barium, lithium, select amines, and peroxides.

Hazardous Decomposition or Byproducts -

Oxides of carbon, phosgene, HCl, formaldehyde, smoke and fumes.

Hazardous Polymerization	May Occur		Conditions to Avoid - None known
	Will Not Occur	X	

SECTION VI - Health Hazard Data

Route(s) of Entry	Eyes?	Inhalation?	Skin?	Ingestion?

Health Hazards (Acute and Chronic) - Warning. Contents under pressure. Causes eye and skin irritation. Harmful if inhaled or swallowed. Aspiration hazard if ingested. Overexposure to vapors or swallowing may cause central nervous system effects. Follow good chemical hygiene practices to avoid these hazards.

Carcinogenicity: Yes	NTP?	IARC Monographs?	OSHA Regulated?
Methylene chloride	Yes	Yes (Group 2B)	No
Perchloroethylene	Yes	Yes (Group 2A)	No

WARNING: This product contains chemicals (methylene chloride and perchloroethylene) known to the State of California to cause cancer.

Signs and Symptoms of Exposure - Burning, tearing, redness in eyes. Redness, drying, cracking of skin. Vapors may irritate nose, throat and respiratory tract or cause nausea and headaches. Swallowing or excessive inhalation of vapors may induce drowsiness, dizziness, fatigue or loss of coordination.

Medical Conditions Generally Aggravated by Exposure -

Pre-existing skin and respiratory tract disorders. Follow good chemical hygiene practices to avoid these hazards.

Emergency and First Aid Procedures: -

Eyes - Flush with plenty of water for at least 15 minutes lifting eyelids to insure complete removal. Get immediate medical attention. **Ingestion** - Do not induce vomiting unless under the direction of a physician. Call a physician or poison control center immediately. **Inhalation** - Get to fresh air. If breathing has stopped, qualified personnel should administer artificial respiration. **Skin** - Wash with soap and water. If irritation arises and persists, call a physician.

SECTION VII - Precautions for Safe Handling and Use

Steps to be Taken in Case Material is Released or Spilled - Caution, slip hazard. Wipe up small spills promptly. Remove all residues. For large spills, isolate traffic and ventilate area. Eliminate all ignition sources. Wear protective gear as necessary. Dike to prevent spread. Pick up with absorbent material, then put in suitable container for proper disposal. Be certain to clean all residues with a suitable detergent or safety solvent.

Waste Disposal Method - Consult local, state and federal regulations. Do not puncture or incinerate container. Replace cap on empty can, wrap, then discard container if allowed by applicable statutes.

Precautions to be Taken in Handling and Storing -

Contains petroleum distillates Do not use around ignition sources such as heat, sparks, open flame, pilot lights, welding arcs, static electricity, etc. Do not smoke while using. Do not swallow. Wash thoroughly after handling. Avoid contact with eyes, skin and clothing. Launder contaminated clothing before reuse. Avoid inhaling mist and vapors. Use with adequate ventilation.

Other Precautions - Follow label directions carefully. Keep out of reach of children. Do not deliberately concentrate and inhale vapors. Do not puncture or incinerate container. Store in a cool (under 120° F) dry location away from heat, sparks, open flame, and direct sunlight. Direct spray away from face. Replace cap when not in use.

SECTION VIII - Control Measures

Respiratory Protection (Specify Type) - Not usually necessary. Use with adequate ventilation. If PELs or TLVs are exceeded (see Section II), use an approved NIOSH/MSHA respirator.

Ventilation	Local Exhaust	Not usually needed	Special	None
	Mechanical (General)	Acceptable	Other	None

Protective Gloves -

Only if direct contact is possible, impervious.

Eye Protection -

Approved safety glasses or goggles (ANSI Z87)

Other Protective Clothing or Equipment -

Not usually necessary. If direct contact is possible, wear apron, boots, face shield, gloves, etc. as needed.

Work/Hygienic Practices -

Normal. Wash thoroughly before eating, drinking, smoking, using restrooms, etc.

WARNING: The use of this product is beyond the control of the manufacturer; therefore, no guarantee, expressed or implied, is made as to the effects of such or the results to be obtained if not used in accordance with directions or established safe practice. The user must assume all responsibility, including injury or damage, resulting from its misuse as such, or in combination with other materials. The manufacturer warrants only that this product meets the manufacturer's specifications for such product. THIS WARRANTY IS IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AS TO DESCRIPTION, QUALITY, MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, PRODUCTIVENESS, OR ANY OTHER MATTER OF THIS PRODUCT. THE MANUFACTURER SHALL BE IN NO WAY RESPONSIBLE FOR THE IMPROPER USE OF THIS PRODUCT. The sole and exclusive remedy against the manufacturer for breach of warranty shall be reimbursement of the purchase price of the product in the event that a defective condition of the product shall be found to exist. NO OTHER REMEDY (INCLUDING BUT NOT LIMITED TO INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR INJURY TO PERSON OR PROPERTY OR ANY OTHER INCIDENTAL OR CONSEQUENTIAL LOSS) SHALL BE AVAILABLE.