

MATERIAL SAFETY DATA SHEET

CHEMCO INDUSTRIES, INC.
5731 Manchester Ave., St. Louis, MO 63110



DATE OF ISSUE: January, 05, 2006

GENERAL INFORMATION # : 314-647-1888
EMERGENCY TELEPHONE # : (800) 854-4236

I-PRODUCT IDENTIFICATION

CLEAN GUARD

PRODUCT CODE: #055

CHEMICAL FORMULATION: WINDSHIELD DEICER-LIQUID

NFPA HAZARD IDENTIFICATION SYSTEM:

HEALTH:

FLAMMABILITY:

REACTIVITY:

HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - HAZARDOUS INGREDIENTS

Hazardous Components (Specific Chemical Identity; Common Name (s))	CAS No.	OSHA PEL	ACGIH TLV	WEIGHT %
CONTAINS METHYL ALCOHOL AND EMULSIFIERS				

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling Level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No
302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).
355: SARA TITLE III/ List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).
372: SARA TITLE III/ List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - PHYSICAL DATA

BOILING POINT (°f): N/A MELTING POINT: N/A
VAPOR PRESSURE (mm Hg): N/A SPECIFIC GRAVITY (H20=1): 0.960
VAPOR DENSITY (AIR=1) N/A
SOLUBILITY IN WATER: EMULSIFIABLE EVAPORATION RATE (Butyl Acetate=1): N/A
pH: N/A
APPEARANCE AND ODOR: AMBER TO CLEAR LIQUID, AROMATIC ODOR

IV - FIRE AND EXPLOSION HAZARD

FLASH POINT (Method used): APPROX. 115°F (TEST METHOD):
FLAMMABLE LIMITS: NO DATA UPPER: N/E LOWER: N/E
EXTINGUISHING MEDIA: CARBON DIOXIDE, DRY CHEMICALS, WATER SPRAY; FOAM
SPECIAL FIRE FIGHTING PROCEDURES: AVOID STRAIGHT WATER STREAM, AVOID INHALATION OF
WEAR SELF CONTAINED BREATHING APPARATUS & FULL PROTECTIVE CLOTHING
UNUSUAL FIRE AND EXPLOSION HAZARD: AVOID CONCENTRATED VAPOR ACCUMULATION

V - REACTIVITY DATA

STABILITY: STABLE
INCOMPATIBILITY: STRONG OXIDIZERS
CONDITIONS TO AVOID: HEAT, SPARK, FLAME
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: INCOMPLETE COMBUSTION MAY LEAD TO
CARBON MONOXIDE
HAZARDOUS POLYMERIZATION: WILL NOT OCCUR
CONDITIONS TO AVOID: N/A

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VI - HEALTH AND HAZARD DATA

PRIMARY ROUTE(S) OF ENTRY: N/A

CARCINOGENICITY: N/A

SYMPTOMS OF EXPOSURE

IF IN EYES: IRRITATION

IF ON SKIN: IRRITATION

IF INGESTED: HARMFUL OR FATAL

IF INHALED: N/A

EMERGENCY FIRST AID

IF IN EYES: FLUSH EYES WITH WATER THOROUGHLY. SEEK MEDICAL HELP

IF ON SKIN: WASH SKIN WITH SOAP AND WATER

IF INGESTED: DO NOT INDUCE VOMITING. CALL A PHYSICIAN

IF INHALED: N/A

VII - SPILL AND LEAK PROTECTION

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: VENTILATE THE AREA, ELIMINATE ALL IGNITION SOURCES, COLLECT SPILL WITH AN ABSORBENT.

WASTE DISPOSAL METHOD: MATERIAL MAY BE INCINERATED. HOWEVER, CONFORM TO ALL EXISTING FEDERAL AND LOCAL POLLUTION LAWS.

VIII - SPECIAL PROTECTION INFORMATION

VENTILATION: LOCAL EXHAUST: RECOMMENDED

RESPIRATORY PROTECTION: RECOMMENDED

PROTECTIVE GLOVES: RECOMMENDED

EYE PROTECTION: RECOMMENDED

OTHER PROTECTIVE EQUIPMENT: N/A

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: KEEP AWAY FROM HEAT OR FLAMES; AVOID PROLONGED AND REPEATED CONTACT WITH SKIN OR BREATHING VAPORS.

OTHER PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

WORK/HYGIENIC PRACTICES: N/A

REVISION DATE: January 05, 2005

Prepared By:

DATE OF ISSUE: January 05, 2005

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