MATERIAL SAFETY DATA SHEET
Complies with OSHA Hazard Communication
And WHIMS Standard 29 CFR 1910-1200
Print Date: 05/23/13

Product Name: GRIME BUSTER **Product Number: 90-300**

I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Manufacturer: ComStar International Inc. **Tel:** 718-445-7900, 800-328-0142
Address: 20-45 128th Street, College Point, NY 11356 **Fax:** 718-353-5998

Chemical Name: Blended Formula
Synonym(s): None

II - COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	OSHA PEL	ACGIH TLV	CAS NO.
*TRICHLOROETHYLENE	100 ppm	50 ppm	79-01-6
CARBON DIOXIDE	10000 ppm	5000 ppm	124-38-9

* SUBJECT TO THE REPORTING REQUIREMENTS OF SARA SECTION 313.

III - HAZARDS IDENTIFICATION

HMIS Hazard Ratings: Health – 2, Flammability – 1, Chemical Reactivity – 0
NFPA Hazard Ratings: Health – 2, Flammability – 1, Chemical Reactivity – 0
NOTE: HMIS and NFPA ratings involve data and interpretations that may vary from company to company. They are intended only for rapid, general identification of the magnitude of the specific hazard. To deal adequately with the safe handling of this material, all the information contained in this MSDS must be considered.

IV - FIRST-AID MEASURES

Inhalation: If symptomatic, move to fresh air. Get medical attention if symptoms persist.
Eyes: Immediately flush with plenty of water for at least 15 minutes. Get medical attention.
Skin: Remove contaminated clothing, wash affected skin with soap and water immediately. Get medical attention if symptoms occur.
Ingestion: Drink plenty of water. Get immediate medical attention.

V - FIRE FIGHTING MEASURES

Extinguishing Media: Water, water fog, dry chemical, CO2
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing.
Hazardous Combustion Products: Unknown
Unusual Fire and Exposure Hazards: Aerosols are under pressure. Exposure in excess of 120° F may cause bursting of can.

VI - ACCIDENTAL RELEASE MEASURES

Absorb spill with vermiculite or other inert material, then place in a container for chemical waste.
For Large Spills: Flush spill area with water spray. Prevent run-off from entering drains, sewers, or streams, collect run-off.

VII - HANDLING AND STORAGE

Personal Precautionary Measures: Avoid contact with eyes and skin. Wash thoroughly after handling. Do not breathe vapors or fumes.
Prevention of Fire and Explosion: Keep from contact with oxidizing materials, alkalis and acids. Store away from heat, sunlight and moisture.

VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits:
ACGIH Threshold Limit Value (TLV): see section II
OSHA (USA) Permissible Exposure Limit (PEL): see section II
Ventilation: Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. Supplementary local exhaust ventilation, closed systems, or respiratory protection may be needed in special circumstances such as poorly ventilated spaces, evaporation from large surfaces, spraying, heating, etc.
Respiratory Protection: If engineering controls do not maintain airborne concentrations to an acceptable level, a NIOSH approved respirator must be worn.
Respirator Type: Organic vapor. If respirators are used, a program should be instituted to assure Compliance with OSHA Standard 29 CFR 1910.134.
Eye Protection: Wear safety glasses with side shields (or goggles) and a face shield.
Skin Protection: It is a good industrial hygiene practice to minimize skin contact.
Recommended Decontamination Facilities: Eye bath, washing facilities

IX - PHYSICAL AND CHEMICAL PROPERTIES

Color: clear colorless liquid
Odor: mild fragrance odor
Odor Threshold: not available
Specific Gravity (H20 = 1): 1.41

Vapor Pressure at 70° F: 95 psig
Vapor Density (Air = 1): > 1
Evaporation Rate (n-butyl acetate = 1): < 1
Volatile Fraction by Weight: N/A
Boiling Point: (conc.) 189
Melting Point: N/A
Viscosity at 25° C (77° F): N/A

Solubility in Water: negligible
Octanol/ Water Partition Coefficient: not available
Flash Point: None, TOC
Lower Explosive Limit 135° C (275° F): N/A
Upper Explosive Limit 199° C (390° F): N/A
Auto ignition Temperature (ASTM D 2155): N/A

X - STABILITY AND REACTIVITY

Stability: Product is considered stable.
Incompatibility: strong acids, oxidizers and alkalis
Hazardous Polymerization: will not occur

XI - TOXICOLOGICAL INFORMATION

Inhalation: Low hazard for usual industrial handling by trained personnel.

Eyes: Causes irritation and possible chemical burns.
Skin: Low hazard for usual industrial handling by trained personnel, see label warnings.
Ingestion: Dangerous if ingested.
Acute Toxicity Data:
Oral LD-50 (rabbit): not available
Inhalation LC-50: not available

XII - ECOLOGICAL INFORMATION

Introduction: Leaks should be stopped. Spills should be contained and cleaned up immediately. Large liquid spills should be removed by using a vacuum truck. Solid spills should be scooped up and placed in approved containers for disposal. The spill area should then be flushed with water followed by liberal covering of sodium bicarbonate. All clean-up material should be removed and placed in approved containers, labeled and stored in a safe place to await proper treatment or disposal. Spills on areas other than pavement, e.g., dirt or sand, may be handled by removing the affected soils and placing in approved containers. Persons performing clean-up work should wear adequate personal protective equipment and clothing. Spills or releases should be reported, if required, to the appropriate local, state and federal regulatory agencies.

XIII - DISPOSAL CONSIDERATIONS

Discharge, treatment, or disposal may be subject to national, state, or local laws. Check with state and local officials before disposal.

XIV - TRANSPORT INFORMATION

DOT (USA) Status: Shipping marking as "aerosols, non-flammable/2.2/UN 1950/ORM-D III"
TDG (Canada) Status: Marking as shown above
Air – International Civil Aviation Organization (ICAO), see next
ICAO Status: Check with air freight forwarder for ruling.
Sea – International Maritime Dangerous Goods (IMDG)
IMDG Status: Check with freight forwarder for ruling

XV - REGULATORY INFORMATION

This document has been prepared in accordance with the MSDS requirements of the OSHA Hazard Communication Standard 29 CFR 910.1200.
OSHA hazardous chemical(s): trade secret (blended formula).
Material(s) known to the State of California to cause cancer: Trichloroethylene
Material(s) known to the State of California to cause adverse reproductive effects: Trichloroethylene
Massachusetts Substance List: none.
New Jersey Workplace Hazardous Substance List: NA
Pennsylvania Hazardous Substance List: NA

This document has been prepared in accordance with the MSDS requirements of the WHMIS Controlled Products Regulation.
WHMIS (Canada) Ingredient Disclosure List: trade secret (blended formula).
WHMIS (Canada) Status: not listed.
WHMIS (Canada) controlled material(s): not listed.
WHMIS (Canada) Hazard Classification: not classified.

Carcinogenicity Classification (components present at 0.1% or more): Trichloroethylene

International Agency for Research on Cancer (IARC): Product not listed
American Conference of Governmental Industrial Hygienist (ACGIH): Product not listed
National Toxicology Program (NTP): Product not listed
Occupational Safety and Health Administration (OSHA): Product not listed