LOOSE SCREW
SUPER PENETRATING & LUBRICATING CATALYST

LOOSE SCREW is a forceful aerosol spray which provides super fast penetration to loosen frozen nuts, bolts and mechanical parts by cutting through rust and corrosion. LOOSE SCREW is one product that lubricates and reduces wear over a broad temperature & pressure range. LOOSE SCREW also contains built-in cleaners which help dissolve solidified grease, oil, accumulated rust and dirt. LOOSE SCREW performs with regard to penetration has creeping ability and it will not gum-up or harden makes this the finest true penetrant money can buy. LOOSE SCREW performs especially well in corrosive environments such as those found near salt water, fresh water, chemical fumes and mines.

FOR USE BY:
Auto Mechanics
Construction
Food and Bottling
Heavy Equipment
Industrial Plants
Marine Repair
Oil Fields
Police Departments
Railroads
Refineries
Serviceman
Shipping
Trucking
Utilities

FOR USE ON:
Clamps
Engine Parts
Fasteners
Frozen Nuts/Bolts
Gears
Generators
Hinges
Linkages
Lug Nuts
Molds
Relays
Screws
Starters
Threaded Parts
Tools

FEATURE-BENEFIT:
Safe Around Plastic and Paint
Forceful Jet Spray
Reduces Friction
Long Lasting
Creeps and Pulls
Capillary Action
Stops Squeaks Fast
Easy To Use
Non-Gumming or Hardening
Non-Flammable

DIRECTIONS:
Saturate part to be loosened and allow product to penetrate for a moment before attempting to break free. For heavily encrusted pieces a wire brush may be used to help remove corrosion. Apply a light final spray to all parts prior to reassembly.

TECHNICAL DATA:
Appearance and Odor: Dark Red Liquid, Solvent Odor
Flash Point of Concentrate: 165°F T.O.C.
Flammability: Non-Flammable Spray
Specific Gravity: 0.91
Propellant: Carbon Dioxide
Spray Pattern: Circular Spray
NFPA Fire Rating: Level 2 Aerosol

CONTACT INFORMATION
OFFICE: 1-888-6PURITY (678-7489)
FAX 1-877-9PURITY (978-7489)
ADDRESS: 114 SOUTHFIELD PKWY SUITE 120 FOREST PARK GA. 30297
www.puritychemicals.com

SEE REVERSE SIDE FOR MSDS
MATERIAL SAFETY DATA SHEET
COMPLIES WITH OSHA’S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

SECTION I - PRODUCT IDENTIFICATION

Product Name: Loose Screw
Product Number: A-1012
Product Type: AEROSOL
Supplier’s Name: Purity Chemicals Inc.
Supplier’s Address: 114 Southfield Pkwy., Suite 120, Forest Park, GA 30297
D.O.T. Hazard Class: CONSUMER COMMODITY - ORM-D

SECTION II - INGREDIENTS

CHEMICAL NAME | CAS # | %WT | 313/Chem | Skin | Carcinogen | PEL | TWA/TLY
---|---|---|---|---|---|---|---
Aromatic Hydrocarbon | 04742-94-6 | 50-60 | NO | NO | NO | NE | NE
Mineral Oil | 8042-47-5 | 20-30 | NO | NO | NO | 5mg/m³(mist) | 5mg/m³(mist)
Aliphatic Hydrocarbon | 8002-41-3 | 10-20 | NO | NO | NO | 500 ppm | 100 ppm
2-Butoxyethanol | 111-70-2 | 01-05 | YES | YES | NO | 25 ppm | 20 ppm
Dethylamylpiperidinolexamela | 556-67-2 | 01-05 | NO | NO | NO | 10 ppm (REL) | NE
Carbon Dioxide Propellant | 124-38-9 | 01-05 | NO | NO | NO | 10000 ppm | 10000 ppm

SECTION III - PHYSICAL DATA

Data Below Based On Aerosol Concentrate Only:
Boiling Point: 215°C
pH: N/A
Solubility In Water: Slight
Appearance/Color: Dark Red Liquid, Solvent Odor
Data Below Based On Total Contents:
Vapor Pressure of can (psi @ 70°F): 36 psiq
Total VOC %: <10.25%

Vapor Density (Air = 1): >1
Specific Gravity (H₂O = 1) @ 75°F: 0.91

SECTION IV - FIRE AND EXPLOSION DATA

Flash Point (of Concentrate Only): 150 °F (T.O.C.)
Flammability (as per USA Flame Projection Test): Non-Flammable Spray
Extinguishing Media: Foam, CO₂, Dry Media
Special Fire Fighting Procedures: Wear self-contained breathing apparatus and protective clothing. Cool fire exposed containers to prevent rupturing.
Unusual Fire and Explosion Hazards: Exposure to temperature above 120°F may cause bursting.

SECTION V - REACTIVITY DATA

Stability: Material Stable.
Hazardous Polymerization: Will not Occur.
Incompatibility: Avoid contact with strong oxidizing agents.
Hazardous Decomposition Products: Carbon Dioxide, Carbon Monoxide.

SECTION VI - STORAGE AND HANDLING

KEEP OUT OF REACH OF CHILDREN.
For Industrial and Institutional use only.
Store in a cool, dry area away from heat or open flame.
Do not store at temperatures above 120°F.

NFPA Code 310E Rating: Level 1 Aerosol

SECTION VII - HEALTH AND FIRST AID

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVEREXPOSURE:
Eyes: May cause slight irritation but does not injure eye tissue.
Skin: Frequent or prolonged contact may cause irritation.
Inhalation: Inhalation of mist can cause irritation of nasal and respiratory passages. Absorptions or excessive inhalation may cause irritation to the upper respiratory tract, dizziness, nausea and other central nervous system effects.
Ingestion: Can cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis. Minimal toxicity.

FIRST AID PROCEDURES:
Eyes: Flush with large amounts of cool running water for at least 15 minutes while holding upper and lower lids open. If irritation persists get medical attention immediately.
Skin: Wash with soap and water. If irritation persists seek medical attention.
Inhalation: Remove to fresh air. Seek medical attention immediately. If breathing stops give artificial respiration.
Ingestion: Do not induce vomiting. Seek medical attention immediately.

SECTION VIII - SPECIAL PROTECTION DATA

Respiratory Protection: None needed for proper use in accordance with label directions.
Ventilation: Provide local exhaust to keep TLV of Section II ingredients below acceptable limits.
Protective Gloves: None needed for proper use in accordance with label directions. Use chemical resistant gloves if hand contact will be made.
Eye Protection: None needed unless it is anticipated that a splash or spray back will occur, then wear safety glasses or chemical proof goggles.

SECTION IX - SPILL OR LEAK PROTECTION

STEPS TO BE TAKEN IN CASE OF SPILL OR LEAK:
Allow propellant to evaporate. Maintain local exhaust and adequate ventilation. No smoking. Keep sparks, heat sources and open flame far away from spill or leak. Cover with absorbent material and sweep up. Wash area to prevent slipping. Dispose of soaked absorbent material in accordance with Federal, State and local laws.

WASTE DISPOSAL METHOD: Aerosol cans, when emptied and depressurized through normal use, pose no disposal hazard and should be recycled. Consult Federal, State and local authorities for approved procedures.

N/A = NOT APPLICABLE · N/E = NOT ESTABLISHED · N/D = NOT DETERMINED · < = LESS THAN · >= = MORE THAN

NOTICE: The information contained on this Material Safety Data Sheet is considered accurate as of the date of publication. It is not necessarily all inclusive nor fully adequate in every circumstance. The suggestions should not be confused with nor followed in violation of applicable laws, regulations, rules or insurance requirements. No warranty, express or implied, of merchantability, fitness, accuracy of data, or the results to be obtained from the use thereof is made. The vendor assumes no responsibility for injury or damages resulting from the inappropriate use of this product.