

# 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.

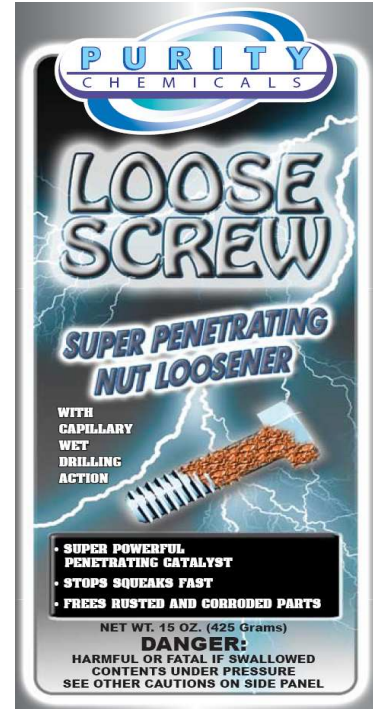
FOR USE BY:	FOR USE ON:	FEATURE-BENEFIT:
Auto Mechanics	Clamps	Safe Around Plastic and Paint
Construction	Engine Parts	Forceful Jet Spray
Food and Bottling	Fasteners	Reduces Friction
Heavy Equipment	Frozen Nuts/Bolts	Long Lasting
Industrial Plants	Gears	Creeps and Pulls
Marine Repair	Generators	Capillary Action
Oil Fields	Hinges	Stops Squeaks Fast
Police Departments	Linkages	Easy To Use
Railroads	Lug Nuts	Non-Gumming or Hardening
Refineries	Molds	Non-Flammable
Serviceman	Relays	
Shipping	Screws	
Trucking	Starters	
Utilities	Threaded Parts	
	Tools	

### 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



## LOOSE SCREW SUPER PENETRATING & LUBRICATING CATALYST

### CONTACT INFORMATION

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 FOREST PARK GA. 30297  
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**MATERIAL SAFETY DATA SHEET**  
 COMPLIES WITH OSHA'S HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

**SECTION I - PRODUCT IDENTIFICATION**

Product Name: Loose Screw	Formula: Proprietary	HMS Rating (Based on Aerosol Conc.):
Product Number: A-1012	Date Prepared: 12/07/04	0-Minimal 1- Slight 2- Moderate
Product Type: AEROSOL	Emergency Phone: (800) 327 1835	3- Serious 4- Extreme
Supplier's Name: Purity Chemicals, Inc.	Information Phone: (888) 678-7489	HEALTH: 1 FIRE: 2 REACTIVITY: 1
Supplier's Address: 114 Southfield Pkwy., Suite 120, Forest Park, GA 30297		Personal Protection: B
D.O.T. Hazard Class: CONSUMER COMMODITY - ORM-D		

**SECTION II - INGREDIENTS**

CHEMICAL NAME	CAS #	%WT	313/Chem	Skin	Carcinogen	PEL	TWA/TLV
Aromatic Hydrocarbon	64742-94-5	50-80	NO	NO	NO	NE	NE
Mineral Oil	8042-47-5	20-30	NO	NO	NO	5mg/m <sup>3</sup> (mist)	5mg/m <sup>3</sup> (mist)
Aliphatic Hydrocarbon	8052-41-3	10-20	NO	NO	NO	500 ppm	100 ppm
2-Butoxyethanol	111-78-2	01-05	YES	YES	NO	25 ppm	20 ppm
Octamethylcyclotetrasiloxane	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/Odor: Dark Red Liquid, Solvent Odor  
 Data Below Based On Total Contents:  
 Vapor Pressure of can (psig @70°F): 88 psig  
 Total VOC %: ~16.25%

Vapor Density(Air=1): >1  
 Specific Gravity (H<sub>2</sub>O=1)@75°F: 0.91

**SECTION IV - FIRE AND EXPLOSION DATA**

Flash Point (of Concentrate Only): 165 °F (T.O.C.)      Flammability (as per USA Flame Projection Test): Non-Flammable Spray  
 Extinguishing Media: Foam, CO<sub>2</sub>, 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 30B Rating: Level 1 Aerosol.

**SECTION VII - HEALTH AND FIRST AID**

PRIMARY ROUTES OF ENTRY & EFFECTS OF OVER EXPOSURE:  
 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. Abusive 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.