

## INTERNATIONAL MATERIAL SAFETY DATA SHEET

### SECTION I - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

REVISION NO: 2 (Change in Format)  
REVISION DATE: 9-Jul-10  
PRODUCT NAME: **GAG CLEANER**

SYNONYMS: N/A  
CHEMICAL FAMILY: N/A  
FORMULA: Blend  
DESCRIPTION: Grease, Adhesive, Gum Cleaner

COMPANY IDENTIFICATION:  
MULTI-SEAL PACIFIC CORP.  
P.O. Box 3457  
Alhambra, CA 91803, U.S.A.  
PHONE NUMBERS:  
TRANSPORT EMERGENCY U.S.: 1-800- 535-5053 INT'L.: +1-352- 323-3500  
INFORMATION: +1-626- 282-5659

### SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS

CHEMICAL NAME: Glycol Ether PNB	CHEMICAL NAME: Terpene
CAS NUMBER: 5131-66-8	CAS NUMBER: 5989-27-5
% RANGE: Trade Secret Per 29 CFR 1910.1200	% RANGE: Trade Secret Per 29 CFR 1910.1200

### SECTION III - HAZARD IDENTIFICATION

The inclusion level of Classified Raw Materials within this formulation are not in excess of the rate at which they require Classification and Labeling for supply purposes.

### SECTION IV - FIRST AID MEASURES

EYES: Immediately flush with large amounts of water for at least 15 minutes, occasionally lifting the upper and lower eyelid. Contact a physician if irritation persists.  
SKIN: Immediately flush with water. If clothing comes in contact with the product, the clothing should be removed and should be laundered before re-use.  
INGESTION: Immediately drink large quantities of water. DO NOT induce vomiting.

Call a physician at once. DO NOT give anything by mouth if the person is unconscious or is having convulsions.  
INHALATION: Remove to open air. Seek medical attention in case of complaint.

### SECTION V - FIRE FIGHTING MEASURES

FLASH POINT: None  
EXTINGUISHING MEDIA: Use method applicable to surrounding fire.  
FIRE FIGHTING TECHNIQUES AND COMMENTS: Use water to cool containers exposed to fire. On small fires, use water spray or fog. On large fires, use heavy deluge or fog streams. Fire fighters should always use self-contained breathing equipment and approved clothing when fighting any fire containing chemicals.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

EXPOSURE CONTROL: Ventilate area. Restrain undiluted quantities from entering drains/watercourses.  
PERSONNEL: Avoid physical contact with product. Use suitable handling tools to remove. Excessive amounts should be collected in suitable absorbent material for disposal in approved land fills.

### SECTION VII - HANDLING AND STORAGE

HANDLING CONDITIONS: Do not take internally. Avoid contact with skin, eyes, and clothing. Upon contact with skin or eyes, wash off with water.  
STORAGE CONDITIONS: Store in a cool, dry, well ventilated area.

### SECTION VIII - EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE LIMIT IN AIR: TLV: 150  
RESPIRATORY PROTECTION: Avoid breathing fume when using the product. If used in confined space provide positive ventilation. Excessive fume inhalation may cause headache, dizziness, nausea.  
EYE PROTECTION: Use chemical safety glasses to avoid contact with eyes. Where heavy industrial use occurs, chemical goggles may be required. Eye contact can cause irritation, redness tearing.  
HAND PROTECTION: Avoid contact with skin. Impervious gloves should be worn when using this. Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough. Rinse and remove gloves immediately after use. Wash hands with soap and water. Product can penetrate skin readily.

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**OTHER PROTECTION:** For heavy industrial use, a full impermeable suit may be required to avoid skin contact.

**VENTILATION:** Use local exhaust ventilation to minimize fumes where confined space use occurs. Otherwise, ensure good general ventilation.

**OTHER PROTECTIVE EQUIPMENT:** Eye wash station and safety shower should be provided in the area where product is handled during industrial use. Do not eat, drink or smoke until showering and clothes changed.

## SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

COLOR: Clear STATE: Liquid ODOR: Citrus  
BOILING POINT: 225 deg F. (105 deg C.) SPECIFIC GRAVITY (Water = 1.0): 1.0  
WATER SOLUBILITY: 100%  
pH: 8 AUTO FLAMMABILITY: N/A

## SECTION X - STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions of storage, shipment and/or use. See Handling and Storage, Section VII, for specified conditions.

**HAZARDOUS DECOMPOSITION PRODUCTS:** None established **HAZARDOUS POLYMERIZATION:** Will Not Occur

**INCOMPATIBILITY (materials to avoid):** DO NOT mix this product with other chemicals not specified in MULTI-SEAL instructions for product use.

## SECTION XI - TOXICOLOGICAL INFORMATION

**ACUTE TOXICITY:** TARGET ORGAN TOXICITY: None  
Established

ORAL LD<sub>50</sub> - 3.6 gm/kg (rat)  
DERMAL L<sub>050</sub> - 8 gm/kg (rabbit)  
INHALATION - None Established  
EYE IRRITATION - Mild (rabbit)

**REPRODUCTIVE AND DEVELOPMENTAL TOXICITY:**  
Product when given orally to pregnant mice from day 6 to day 15 of gestation, did not induce any significant teratogenic effects.

**CARCINOGENICITY:**  
This product is not known to be carcinogenic.

## SECTION XII - ECOLOGICAL INFORMATION

Readily bio-degradable, not expected to bio-accumulate under conditions of use.

## SECTION XIII - DISPOSAL CONSIDERATIONS

Care must be taken to prevent environmental contamination from the use of this material. The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local and national laws and regulations regarding treatment, storage and disposal for hazardous and non-hazardous wastes.

## SECTION XIV - TRANSPORT INFORMATION

U.S. DOT: Not regulated IMDG: Not regulated ICAO/IATA: Not regulated  
RID/ADR: Not regulated

## SECTION XV - REGULATORY INFORMATION

UNITED STATES:  
29 CFR 1900.1200 - Product is non-hazardous in the work place.  
40 CFR 302.4 (CERCLA) - Release of Product to environment is not reportable to any agency.  
40 CFR 372.30 - Product chemicals below Sect. 313 concentrations.  
RACA Information - Discard of this product in commercial unit quantities does not meet RACA characteristic definition of ignitability, corrosion, or reactivity.

EINECS: Listed  
R PHASES: , R36, R37, R38 S PHRASES: S8, S26, S41  
SYMBOLS: Xi (Irritant)

## SECTION XVI - OTHER INFORMATION

**MSDS REVISION STATUS:** Revised format per ANSI recommendation (see reference).

**REFERENCE:** American National Standard for Hazardous Industrial Chemicals - Material Safety Data Sheets -Preparation, ANSI Z400.1-1993.

THE INFORMATION IN THIS MATERIAL SAFETY SHEET SHOULD BE PROVIDED TO ALL WHO WILL USE, HANDLE, STORE, TRANSPORT, OR OTHERWISE BE EXPOSED TO THIS PRODUCT. THIS INFORMATION HAS BEEN PREPARED FOR THE GUIDANCE OF PLANT ENGINEERING, OPERATIONS AND MANAGEMENT AND FOR PERSONS WORKING WITH OR HANDLING THIS PRODUCT. MULTI-SEAL BELIEVES THIS INFORMATION TO BE RELIABLE AND UP TO DATE AS OF THE DATE OF PUBLICATION, BUT MAKES NO WARRANTY THAT IT IS. ADDITIONALLY, IF THIS MATERIAL SAFETY DATA SHEET IS MORE THAN THREE YEARS OLD, YOU SHOULD CONTACT MULTI-

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SEAL AT THE PHONE NUMBER LISTED BELOW TO MAKE CERTAIN THAT THIS SHEET  
IS CURRENT.

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