

Safety Data Sheet

Product Name: Super Concentrated Degreaser

Revision Date: June 28th 2015



SAFETY DATA SHEET

SECTION 1 MATERIAL AND MANUFACTURER IDENTIFICATION

Product Identifier: Super Concentrated Degreaser

Product Use: Stain Degreaser/Concrete Cleanser

COMPANY: TSI

821 West Broadway Road

Tempe, Arizona 85282

Phone: (480) 784-0400

Emergency Assistance Calls: Poison Control Center (800) 222-1222 (U.S.A.) 24hrs.

SECTION 2 HAZARD(S) IDENTIFICATION

GHS CLASSIFICATION

Flammable Liquid (Category 4)

Acute Toxicity, Oral (Category 4)

Acute Toxicity, Dermal (Category 4)

Acute Toxicity, Inhalation (Category 5)

Safety Data Sheet

Product Name: Super Concentrated Degreaser

Revision Date: June 28th 2015



SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENT	CAS #	CONCENTRATIONS
Potassium Hydroxide	1310-58-3	10-30%
Surfactant Blend	Not Established	5-20%
Glycol Ether EB	111-76-2	3-15%

This SDS contains confidential and propriety information of **TSI** and is protected by copyright, trade secret and other State and Federal laws. Its receipt or possession does not convey any rights to reproduce its contents, or to manufacture, use or anything it may describe. Reproduction, disclosure, or use without specific written authorization of **TSI** is strictly forbidden.

SECTION 4 FIRST-AID MEASURES

Inhalation: Remove from further exposure to fresh air. If respiratory irritation, dizziness, or nausea occurs seek immediate medical attention.

Eye Contact: Flush eyes with a directed stream of water for 15 minutes, forcibly holding eyelids apart to ensure complete irrigation of all eye and lid tissue. Washing eyes immediately after exposure is essential to achieve maximum effectiveness and minimize potential irritation. If irritation persists, seek immediate medical attention.

Skin Contact: Wash contact areas with soap and water. Launder exposed clothing before reuse.

Ingestion: If swallowed, do not induce vomiting. Seek immediate medical attention.

SECTION 5 FIRE-FIGHTING MEASURES

Safety Data Sheet

Product Name: Super Concentrated Degreaser

Revision Date: June 28th 2015



SECTION 6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Persons performing the cleanup should wear personal protective equipment sufficient to keep material away from skin. Avoid direct contact with material. See section 4 for First-Aid Advice. See section 5 for Firefighting Advice.

PROTECTIVE MEASURES

To minimize exposure to all chemicals, including this product, use good industrial hygiene and common sense. Use only in well ventilated areas. If necessary, use exhaust ventilation to ensure adequate ventilation. Ensure that water is readily available and that you are prepared to properly wash out your eyes should the need arise. (See section 4 for more advice). Wear NIOSH/MSHA approved organic respirator when ventilation is not adequate or when the Sufficiency of ventilation to maintain concentrations below exposure limits is in question. Wear chemical safety goggles to protect against splashes or contact with eyes. See OSHA 29 CFR 1910.33

Safety Data Sheet

Product Name: Super Concentrated Degreaser

Revision Date: June 28th 2015



SECTION 8 EXPOSURE / PERSONAL PROTECTION

EXPOSURE LIMITS

Exposure limits have not been established for this mixture. Avoid, as far as reasonably practicable, inhalation of vapor, mists or fumes generated. However, limits for components listed below:

COMPONENT	OSHA PEL TWA STEL	ACGIH TLV TWA STEL	NIOSH TWA STEL
Potassium Hydroxide	2 mg/3	2 mg/3	Not Established
Surfactant Blend	Not Established	Not Established	Not Established
Glycol Ether EB	25ppm	25ppm	50ppm

ENGINEERING CONTROLS

The level of protection and types of control will vary depending upon potential exposure conditions. If user operations generate dust, fume or mist, use adequate ventilation to keep exposure below exposure limit.

Safety Data Sheet

Product Name: Super Concentrated Degreaser

Revision Date: June 28th 2015



SECTION 10 STABILITY AND REACTIVITY

Chemical Stability: Stable under ambient temperature and atmospheric pressure. Stable under recommended storage and handling conditions.

Conditions to avoid: Keep away from heat or excessive pressure. Active ingredients decompose at elevated temperatures.

Incompatibility with other materials: Although the mixture has no known incompatibilities, some components of this mixture are not compatible with acids, metals, oxidizing or reducing materials.

Hazardous decomposition products: Decomposition products depend upon temperature, air supply and the presence of other materials. Decomposition products can include and are not limited to: Sulfur oxides and Carbon oxides.

Hazardous polymerization: Major components of this mixture show no hazardous polymerization. **Conditions to Avoid:** Strong Acids, Lead, Tin/Tin Oxides, Zinc and Aluminum.

SECTION 11 TOXICOLOGICAL INFORMATION

Safety Data Sheet

Product Name: Super Concentrated Degreaser

Revision Date: June 28th 2015



SECTION 13 DISPOSAL CONSIDERATIONS

Dispose of all waste, empty bottles and contaminated equipment in accordance with all applicable federal, state and local health and environmental regulations.

Do not dump into storm drains, sanitary sewers or any body of water. All disposal methods must be in compliance with all federal, State/ Provincial and local laws and regulations. Regulations may vary in different locations.

Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. The vendor has no control over the management practices or the processes by which the party who handles or uses this material. The information presented here pertains only to the product as shipped in its intended condition and recommended usage.

SECTION 14 TRANSPORT INFORMATION

Not a hazardous material as shipped per 49 CFR table 172.101 Consult 49 CFR

Safety Data Sheet

Product Name: Super Concentrated Degreaser

Revision Date: June 28th 2015



SECTION 16 OTHER INFORMATION

While the information is believed to be accurate, **TSI** makes no representations as to its accuracy or sufficiency. This SDS summarizes to our best knowledge at the date of issue, the chemical health and safety hazards of the material and general guidance on how to safely handle the material in the workplace. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources of each individual component. Since **TSI** cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, assess and control the risks arising from its use of the material. The user assumes all risks incident to the use of this (these) product(s). Users are responsible to verify this data under their own operating conditions to determine whether this product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance on information contained herein. This information relates only to the product-designated herein, and does not relate to its use in combination with any other material or in any other process.