

MATERIAL SAFETY DATA SHEET

VERSION
March27/09PRINTED ON
3/27/2009

Section 1 Company Identification and Product Identification

3D INTERNATIONAL, LLC.

20724 Centre Pointe Parkway, Santa Clarita, CA 91350

Emergency Tel (888) 999-7627

In Case of an Emergency, Contact CHEMTREC (800) 424-9300Product Code and Name **100 Grand Slam Degreaser**

Section 2 Hazardous Ingredients

Chemical Name:	% IN PRODUCT	PEL/OSHA	TLV-ACGIH	CAS NUMBER	CARCINOGEN
Sodium Hydroxide	< 3	2mg/Cubic M	2mg /Cubic M	1310-73-2	N/E
EDTA - Biodegradable	< 3	50 ppm	25 ppm	64-02-8	N/E
Sodium Metasilicate	< 3	3 Mg/Cubic M	3 Mg/Cubic M	6834-92-0	N/E
Surfactant Blend - Biodegradable	3 to 5	Non Hazardous	Non Hazardous	Proprietary	N/E

Section 3 Physical Data

Boiling Point: >211 °F **Specific Gravity(Water=1):** 1.02 **Vapor Pressure (mmHg):** <1 (low volatile) **%Evaporation:** 98%
Vapor Density(Air=1): >1 Fall in air **Solubility:** 100% **Evaporation Rate:** <=Water pH: 12 **Appearance/ Odor:** Dark Red Liquid, Sour Odor

Section 4 Fire and Explosion Data

NFPA CODES: **Health:** 1 **Flammability:** 0 **Reactivity:** 0 **Flash Point:** None

Extinguishing Media: Regular Foam, Waterfog, Carbon Dioxide, or Dry Chemicals

Hazardous Decomposition: Oxides of carbon or traces of hydrocarbons may be formed in small amounts.

Special Fire Fighting Procedures: Clear fire area of personnel. Do not enter confined fire area without full bunker gear and positive pressure breathing apparatus.

Unusual Fire / Explosion Hazards: N/L

Section 5 Health Hazard Data

Permissible Exposure Level: See Section 2 under PEL/OSHA

Effects of Overexposure: (Acute/Chronic)

Eyes: Can cause severe irritation, redness, tearing, and blurred vision.

Skin: Prolonged or repeated exposure can cause moderate irritation, defatting of the skin or dermatitis.

Inhalation: Fine mist may cause irritation of the nose and throat.

Ingestion: Gastrointestinal irritation, nausea, vomiting, and signs of nervous system depression.

First Aid Procedures:

Eyes: Wash eyes immediately with large amounts of water. Get medical attention immediately. DO NOT USE Contact Lenses while using product.

Skin: Wash contacted areas with mild soap and water.

Inhalation: Move person to fresh air at once. If breathing has stopped, get medical attention immediately.

Ingestion: Do not induce vomiting. If person is conscious, give water. Get medical attention.

Primary routes of entry: Inhalation, Eyes, Skin

Section 6 Reactivity

Incompatibility: Strong oxidizing agents or acid.

Hazardous Polymerization: Will Not Occur.

Stability: Stable.

Section 7 Spill or Leak Procedures

Remove all sources of ignition. Ventilate area. Use Protective equipment (Gloves and goggles). Absorb with an inert absorbent material.

All used and unused product should be disposed of in conformance with local, state, and federal regulations.

Section 8 Protective Equipment to be Used

If PEL or TLV limits, listed in Section 2, are exceeded a NIOSH/OSHA approved air respirator is advised. These respirators should not be used for an extended period of time. A dust mask should be used when using a buffing machine. High speeds of buffing machines throw chemical dust into the air.

Sufficient mechanical ventilation should be used to maintain exposure levels below PEL and TLV limits in Section 2.

Chemical resistant gloves are always recommended as some chemicals may not only do damage to the skin but may also be a threat through absorption.

Chemical resistant splash goggles are recommended when using liquid chemicals, or using a high speed buffing machine.

Section 9 Special Precautions

Store materials in a cool dry place away from heat and open flame. Clothing being used around chemicals should be cleaned daily. Never weld on or near containers either empty or full. Secure all chemicals out of the reach of children. Use proper safety equipment at all times.

NA=Not Applicable N/E=Not Established ND=Not Determined NR=Not Regulated N/L=Not Listed VP=Vapor Pressure IARC=International Agency for Research on Cancer

Disclaimer of Liability

The information contained herein is based on data considered to be accurate. However, the information is provided without any warranty, expressed or implied, regarding its correctness. The Conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of this product.