

# SAFETY DATA SHEET

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## Section 1 Company and Product Identification

3D INTERNATIONAL 20724 Centre Pointe Parkway, Santa Clarita CA 91350 Emergency Tel (888) 999-7627

In Case of an Emergency Contact CHEMTREC 1-800-424-9300 (US and Canada) All other locations call 01-707-703-527-3887

Product Code and Name 109 Orange 88 Degreaser

## Section 2 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
Ethoxylated Alcohol	3 to 5	N/A	N/A	68439-46-3	N/E
Orange Terpenes	<1.3	N/E	N/E	68647-72-3	N/E

**Section 3 Hazards Identification:** No significant effects**Primary routes of entry:** Inhalation, Eyes, Skin

## Section 4 First Aid Measures:

**No special first aid measures, but if symptoms persist call a physician**

## Section 8 Exposure Controls Personal Protection

**Permissible Exposure Level:** See Section 2 under PEL/OSHA**Eyes:** Wash eyes immediately with large amounts of water.

Prolonged exposure can cause irritation.

**Skin:** Wash contacted areas with mild soap and water.

Prolonged exposure can cause moderate irritation.

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

Fine mist may cause irritation of the nose and throat.

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

Gastrointestinal irritation, nausea, vomiting, and diarrhea.

## Section 5 Fire Fighting Measures

**NFPA CODES:** Health 1 Flammability: 0 Reactivity: 0 Special Hazard:**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 6 Accidental Release Measures

Use Gloves, Goggles, Boots and Breathing Mask. Small amounts do not need special measures. Clean up with water. For large spills remove all sources of ignition. Ventilate area. Absorb with an inert absorbent material. Avoid runoff into drains and sewers. All used and unused product should be disposed of in conformance with local, state, and federal regulations

## Section 7 Handling and Storage: Always use Gloves and Splash Goggles.

Store materials tightly closed and away from sunlight, warm confined spaces, heat and open flame. Never weld on or near containers either empty or full. Secure all chemicals out of the reach of children.

## Section 8: See next to Section 4. Section 9 Physical and Chemical Properties

**Boiling/Flash Point:** >211 °F / None **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 **Appearance/Odor:** Orange Liquid, Citrus Scent**pH 12** **Volatile Organic Compound (VOC) content for Consumer Products Applications: Percent by weight:** 1%

## Section 10 Stability and Reactivity

**Hazardous Polymerization:** Will Not Occur.**Stability:** Stable.**Incompatibility:** Strong oxidizing agents or acid.**Section 11 Toxicological Information :** Not Known. See Section 8. **Skin Eyes:** may cause Irritation, rash and redness. **Inhalation:** may cause drowsiness**Section 12 Ecological Information:** Not determined**Section 13 Disposal Considerations:** Always use Gloves and Goggles. Do not dispose product into drains or sewers.

This product is not a hazardous waste. Therefore no disposal method should be used. However disposal should be in accordance with applicable regional, national and local laws and regulations

**Section 14 Transport Information** Department of Transportation regulations: USA DOT not regulated**Section 15 Regulatory Information :** No Ingredient regulated

## Section 16 Other Information

Protective Equipment: 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.

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

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