

# Material Safety Data Sheet

## Neutralizer

Date of Preparation: June 29, 2011

Revision 01

### Section 1 - Chemical Product and Company Identification

Product/Chemical Name: Poly Safe Neutralizer No. 84.391P and 84.402P

Chemical Formula: Proprietary

CAS Number: N/A

Other Designations: None

General Use: Used to remove excess tint particles from plastic and polycarbonate lenses.

Distributed by: Grobet USA, 750 Washington Ave. Carlstadt, NJ 07072

Phone: 201-939-6700

(Emergency Phone Number): CHEMTREC: 1-800-424-9300,

### Section 2 - Composition / Information on Ingredients

Hazardous Ingredient	CAS #	Exposure Limit	% wt
None			

### Section 3 - Hazards Identification

#### ☆☆☆☆☆ Emergency Overview ☆☆☆☆☆

Colorless and odorless liquid, No significant immediate hazards for emergency response known.

#### HMIS

H: 0

F: 1

R: 0

PPE<sup>1</sup>

<sup>1</sup>Sec. 8

#### Potential Health Effects

Primary Exposure Routes: Inhalation, Eyes, Skin, Ingestion

Target Organs: None Known

#### Acute Effects

**Inhalation:** Due to low volatility, exposure to vapors is very minimal. Mist may cause irritation of upper respiratory tract (nose and throat).

**Eye:** Mist may cause eye irritation. Corneal injury is unlikely.

**Skin:** Non-irritating. Repeated and prolonged contact may cause softening and flaking of skin.

**Ingestion:** Very low toxicity if swallowed. No harmful effects are known.

#### Chronic Effects

General: NA

Carcinogenicity: None

**Medical Conditions Aggravated by Long-Term Exposure:** In rare cases, repeated excessive exposure to this product may affect the central nervous system.

### Section 4 - First Aid Measures

**Inhalation:** Move person in fresh air, if effects occur consult a physician.

**Eye Contact:** Flush eyes with cold water for several minutes, if irritation persists, contact physician.

**Skin Contact:** Wash skin with plenty of cold water.

**Ingestion:** Drink a glass of cold water. No medical attention is needed.

**Note to Physicians:** No specific antidote. Treatment of exposure should be according to patient condition and symptoms.

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**Section 5 - Fire-Fighting Measures****Flash Point:** 103°C (217°F)**Flash Point Method:** Close Cup**Burning Rate:****LEL:** NA**UEL:** NA**Flammability Classification:** Non-flammable**Extinguishing Media:** Use water spray, dry chemicals, carbon dioxide, chemical foam or chemical resistant foam. Use of direct water stream may cause fire spread. Use extinguishing media more suitable for the surrounding fire.**Unusual Fire or Explosion Hazards:** Container may rupture from gas generation in a fire situation. Violent steam generation or eruption may occur upon direct application of water to hot liquid.**Hazardous Combustion Products:** Carbon monoxide, carbon dioxide and original material in vapor form.**Fire-Fighting Instructions:** Vacate the area. Use water spray to extinguish fire and cool down the heated containers. Foam and dry chemicals could also be used to fight the fire. Move container away from the burning area if it is possible without hazard.**Fire-Fighting Equipment:** Wear positive-pressure self-contained breathing apparatus (SCBA), MSHA/NIOSH approved and full protective gears (includes fire fighting helmet, coat, trousers, boots, gloves and face shields).**Section 6 - Accidental Release Measures****General Information:** Use proper personal protective equipment as indicated in section 8.**Small Spills:** Absorb spilled material with inert substances such as sand or soil, collect in a properly labeled container, wash the spilled area with plenty of water.**Large Spills:** Dike area to contain spill, pump liquid into suitable and properly labeled container. See section 13 for proper disposal and other information.**Regulatory Requirements:** Follow applicable OSHA regulations (29 CFR 1910.120).**Section 7 - Handling and Storage****Handling Precautions:** Handle with care, wash hands with water, avoid contact with eyes, skin and clothing, avoid inhalation. If used hot, use gloves and adequate ventilation, avoid spill.**Storage Requirements:** Store away from direct sunlight and ultraviolet light. Keep container tightly closed when not in use. Store in a dry and cool place.**Section 8 - Exposure Controls / Personal Protection****Engineering Controls:** Use adequate ventilation to keep airborne concentration low.**Respiratory Protection:** Keep airborne concentration down. If respirator is needed for certain operators, follow OSHA respirator regulations found in 29CFR 1910.134. Use a NIOSH approved respirator for organic vapors, acid gas and particulate pre-filter.**Protective Clothing/Equipment:****Eyes:** Wear appropriate protective eyeglasses or chemical safety goggles.**Skin:** Wear appropriate hand gloves to prevent skin exposure.**Ingestion:** Use good personal hygiene. Do not consume or store food in the working area. Wash hands before eating or drinking.**Clothing:** Wear appropriate protective clothing to prevent skin exposure.**Safety Stations:** Have eye wash station available in the working area.**Contaminated Equipment:** Wash contaminated equipment and clothing with water.



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**Section 9 - Physical and Chemical Properties**

**Physical State:** Liquid  
**Appearance/Odor:** Colorless, Odorless  
**Odor Threshold:** NA  
**Vapor Pressure:** NA  
**Vapor Density (Air =1):** 2.62 literature  
**Formula Weight:** NA  
**Specific Gravity (H<sub>2</sub>O=1, at 4 °C):** 1.04 20°C  
**pH:** NA

**Water Solubility:** 100 %  
**Other Solubilities:** Soluble in Ethanol, Isopropanol  
**Boiling Point:** 187.4°C  
**Freezing/Melting Point:** NA  
**% Volatile:** NA  
**Evaporation Rate (BuAc=1):** 0.01 Estimated  
**Viscosity:** NA

**Section 10 - Stability and Reactivity**

**Stability:** Stable under normal temperature and pressure conditions. Hygroscopic product.  
**Polymerization:** Will not occur under normal use.  
**Chemical Incompatibilities:** Avoid contact with strong acids, strong bases and strong oxidizers.  
**Conditions to Avoid:** Direct sunlight, away from heat  
**Hazardous Decomposition Products:** Decomposition products may include aldehydes, alcohols, organic acids, carbon monoxide and carbon dioxide gases.

**Section 11- Toxicological Information****Toxicity Values:**

**Eye Irritation:** NA  
**Skin Irritation:** NA  
**Sensitization:** NA  
**Acute Dermal Effects:** LD50, Rabbit  
 >20,000mg/kg  
**Acute Inhalation Effects:** LD50 not  
 determined.

**Acute Oral Effects:** NA  
**Genetic toxicity:** In vitro genetic toxicity studies were negative.  
 Animal genetic toxicity studies were negative.  
**Repeated and Chronic Effects:** Repeated excessive exposure  
 may cause central nervous system effects. Product does not cause  
 cancer in laboratory animals.

**Section 12 - Ecological Information**

**Ecotox Values:** Product is practically non-  
 toxic to aquatic organisms on an acute basis  
 (LD50/EC50>100mg/L in the most sensitive  
 species tested).

**Biodegradation:** Material is readily biodegradable.

**Bioaccumulation:** NA

**Other adverse effects:** None

**Mobility:** Potential for mobility in soil is very  
 high (Koc between 0 and 50).

**Section 13 - Disposal Considerations**

**Disposal:** Do not dump into any sewers, on the ground or into any body of water. All waste disposal must be in compliance with all Federal, State and local laws and regulations.

**Disposal Regulatory Requirements:** Consult US EPA 40CFR Parts 261.3 for determining the nature of waste and regulations for disposal.

**Container Cleaning and Disposal:** Clean empty container with water and dispose it off.

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**Section 14 - Transport Information****DOT Transportation Data (49 CFR 172.101):**

This product is not regulated by US DOT

**Quantity Limitations**

- a) Passenger Aircraft: NA
- b) Cargo Aircraft Only: NA
- c) Limited quantities: NA

Shipping Name: NA

Hazard Class: NA

ID No.: NA

Packing Group: NA

Label: NA

Special Provisions: NA

**Vessel Stowage Requirements**

- a) Vessel Stowage: NA
- b) Other: NA

**Section 15 - Regulatory Information****EPA Regulations:**

TSCA: All components are listed on the US TSCA inventory list under 40CFR 720.30.

RCRA Hazardous Waste Number: NA

RCRA Hazardous Waste Classification: NA

**SARA 311/312 Codes:**

Immediate (Acute) health Hazard No

Delayed Chronic Health Hazard No

Fire Hazard No

Reactive Hazard No

Sudden Release of pressure hazard No

SARA Toxic Chemical (40 CFR 372.65): NA

SARA EHS (Extremely Hazardous Substance) (40 CFR 355): NA

OSHA Regulations / Air Contaminant (29 CFR 1910.1000, Table Z-1, Z-1-A): NA

**State Regulations:**

Pennsylvania (Worker and Community Right-To-Know Act): Pennsylvania Hazardous Substances List and/or Pennsylvania Environmental Hazardous Substances list:

This product has component, which is cited in the Pennsylvania Hazardous Substances List and/or the Pennsylvania Environmental Substance List and is present at levels, which requires reporting.

**Section 16 - Other Information**

**Revision Notes:** The revised version supersedes any earlier version of this MSDS.

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