

# Material Safety Data Sheet

May be used to comply with OSHA's  
Hazardous Communication Standard, 29 CFR 1910.1200

**IDENTITY (As used on LABELS and LIST)**  
**Glass Too Ammoniated RTU**  
**MAI 592**

## NPCA Hazardous Materials Identification System

Specific Hazard	Personal Protection
4-Severe	X-Ask a supervisor
3-Serious	A-Safety Glasses
2-Moderate	B-Goggles, Gloves
1-Slight	C-Goggles, Gloves, Apron
0-Minimal	D-Goggles, Gloves, Apron, & Faceshield

  

Health (2)	Reactivity (1)
Flammability (0)	Personal Protection (B)

## SECTION I

MFGR'S NAME AND ADDRESS

**HUNTER CHEMICAL & FORMULATING CO., INC.**  
1300 ALDEN ROAD - ORLANDO, - FL 32803-1895  
(407) 898-4341      DATE PREPARED:  
(800) 424-9300      04-01-02

EMERGENCY TELEPHONE NUMBER  
NIGHTS / WEEKENDS

## SECTION II-HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Hazardous Components	OSHA	PEL	ACGIH	Other Limits Recommended	%Optional
<b>Specific Components</b> <b>Specific Chemical Identity</b> <b>Common Name(s)</b> Isopropyl Alcohol	400ppm		400ppm	*	6.7
CAS#67-63-0 2-Butoxyethanol	50 ppm		25 ppm Skin	**	1.2
CAS#111-76-2 Ammonia	50 ppm		25 ppm	***	0.07
CAS#1336-21-6					

\* ACGIH-Short term exposure limit for Isopropyl Alcohol is 500ppm.  
NIOSH-Recommend a limit of 400ppm, 8-hour TWA 800ppm-Ceiling

\*\* This mixture contains 8% of 2-Butoxyethanol which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

Skin absorption may potentially contribute to the overall exposure to this material. Appropriate measures should be taken to prevent the absorption so that the TLV is not invalidated.

\*\*\* ACGIH- Short term exposure limits (STEL) for Ammonia is 35ppm.  
NIOSH recommends a 55ppm 5-minute ceiling.

## SECTION III-PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT (F)	212°F	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.9843
VAPOR PRESSURE (mmHg)	N/A	% VOLATILE BY VOLUME	N/A
VAPOR DENSITY (air=1)	N/A	EVAPORATION POINT	Greater than 1
SOLUBILITY IN WATER	Complete		

APPEARANCE AND ODOR: Clear blue, thin liquid with a ammonia odor.

## SECTION IV-FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS
180°F Closed Cup	N/A

**EXTINGUISHING MEDIA:** Alcohol Foam, CO<sub>2</sub>, or Dry Chemical

**SPECIAL FIREFIGHTING PROCEDURES:** Self-contained breathing apparatus with a full facepiece operate in a pressure demand or other positive pressure mode.

**UNUSUAL FIRE AND EXPLOSION HAZARD:** Never use welding cutting torch on or near drum (even empty drum) because product (even just residue) can ignite. Vapors are heavier than air and may travel along the ground or may be moved by ventilation and ignited by pilot lights, other flames, sparks, heaters, smoking, electric motors, static discharge, or other ignition sources at locations distant from material handling point.

Identification System

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IDENTITY (As used on labels and List)

<b>Specific Hazard</b>	<b>Personal Protection</b>
4-Severe	X-Ask a supervisor
3-Serious	A-Safety Glasses
2-Moderate	B-Goggles, Gloves
1-Slight	C-Goggles, Gloves, Apron
0-Minimal	D-Goggles, Gloves, Apron, & Faceshield
<b>Health (2)</b>	<b>Reactivity (0)</b>
<b>Flammability (0)</b>	<b>Personal Protection (B)</b>

## Blast Too

MAI 611

### SECTION I

MFGR'S NAME AND ADDRESS: **HUNTER CHEMICAL & FORMULATING, CO., INC.**  
1300 ALDEN ROAD - ORLANDO, FL 32803-1895

<b>EMERGENCY TELEPHONE NUMBER:</b>	<b>(407) 898-4341</b>	<b>Date Prepared:</b>
<b>Telephone Number for Information:</b>	<b>(800) 424-9300</b>	<b>04-01-02</b>

### SECTION II - HAZARDOUS INGREDIENTS/ IDENTITY INFORMATION

Hazardous Components	OSHA PEL	ACGIH	TLV	Other	% Optional
Specific Chemical Identity					LIMITS
Common Name(s)					Recommended
*2-Butoxyethanol	50PPM		75PPM		2.88
CAS# 111-76-2					

\*This mixture contains 2.88% of 2-Butoxyethanol which is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR, Part 372.

### SECTION III-PHYSICAL/CHEMICAL CHARACTERISTICS

<b>BOILING POINT (F)</b> Over 212°F	<b>SPECIFIC GRAVITY (H2O=1)</b> 1.0376
<b>VAPOR PRESSURE (mm Hg.)</b> N/A	<b>MELTING POINT</b> N/A
<b>VAPOR DENSITY (air = 1)</b> N/A	<b>EVAPORATION RATE</b> Greater than 1
<b>SOLUBILITY IN WATER</b> Complete	<b>(Butyl Acetate = 1)</b>
<b>APPEARANCE AND ODOR:</b> Purple in color, water-thin liquid with a lemon fragrance.	

### SECTION IV- FIRE AND EXPLOSION HAZARD DATA

<b>FLASH POINT (METHOD USED)</b>	<b>FLAMMABLE LIMITS</b>	<b>LEL</b>	<b>UEL</b>
Closed Cup- Over 250°F	N/A	N/A	N/A

**EXTINGUISHING MEDIA:** Water Fog, Carbon Dioxide or Dry Chemical

**SPECIAL FIRE FIGHTING PROCEDURES:** Use self-contained breathing apparatus and protective clothing.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None



IDENTITY (As used on LABELS and LIST)

**FABULOUS TOO CONC. MULTI-SURFACE CLEANER LAVENDER SCENTED  
SUN 555**

**SECTION I  
MFGR'S NAME AND ADDRESS**

**SUNLINE, L.L.C.**  
1300 ALDEN ROAD - ORLANDO, - FL 32803-1895

**EMERGENCY TELEPHONE NUMBER** 407-896-2129  
**NIGHTS AND WEEKENDS** 407-415-8761

**DATE PREPARED:**  
1-27-11

**SECTION II-HAZARDOUS INGREDIENTS / IDENTITY INFORMATION**

Hazardous Components	OSHA	PEL	ACGIH	Other Limits Recommended	%Optional
Specific Components					
Specific Chemical Identity					
Common Name(s)					

None

**SECTION III-PHYSICAL / CHEMICAL CHARACTERISTICS**

<b>BOILING POINT (F)</b>	Over 212°F	<b>SPECIFIC GRAVITY (H<sub>2</sub>O=1)</b>	1.0084
<b>VAPOR PRESSURE (mmHg)</b>	N/A	<b>MELTING POINT</b>	N/A
<b>VAPOR DENSITY (air=1)</b>	N/A	<b>EVAPORATION POINT</b>	Less than 1
<b>SOLUBILITY IN WATER</b>	Complete	(Butyl Acetate=1)	

**APPEARANCE AND ODOR:** Clear dark purple liquid with a pleasant lavender fragrance.

**SECTION IV-FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT (METHOD USED)	FLAMMABLE LIMITS	LEL	UEL	N/A
Over 350°F Closed Cup	N/A		N/A	

**EXTINGUISHING MEDIA:** Carbon Dioxide, Water Fog or Dry Chemical  
**SPECIAL FIRE FIGHTING PROCEDURES:** A NIOSH-approved respirator should be worn when fighting fires, especially in confined areas.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** NONE

**SECTION V -REACTIVITY DATA Lemon Mop Neutral Floor Cleaner (SUN 545)**

**STABILITY:** UNSTABLE ( )  
                  STABLE (X)  
**CONDITION TO AVOID:**  
Extreme Heat

**INCOMPATIBILITY (Materials to Avoid)**  
Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BYPRODUCTS**

Release carbon monoxide, carbon dioxide and sulfur dioxide on thermal decomposition.

HAZARDOUS	May Occur ( )	CONDITIONS TO AVOID:
Polymerization	May Not Occur (X)	Extreme Heat

**SECTION VI-HEALTH HAZARD DATA**

**ROUTE(S) OF ENTRY:**

**INHALATION:** No  
**SKIN:** Yes  
**INGESTION:** No

**Health Hazards (Acute and Chronic)**

Skin and Eye Irritation on contact. Product is non-toxic.

**CARCINOGENICITY:** NTP IARC Monographs?

No No OSHA Regulated? No

**SIGNS AND SYMPTOMS OF EXPOSURE:**

Skin and eye irritation on contact.

**MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:**

Skin and eye problems may become aggravated if prolonged contact is made.

**EMERGENCY AND FIRST AID PROCEDURES:**

In case of contact, flush with large amounts of water for at least 15 minutes. If irritation continues, see a physician. IF ingested: Induce vomiting and consult a physician.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Confine as much as possible. Dike and absorb with inert material such as sand or vermiculite.

**WASTE DISPOSAL METHOD:**

Dispose of waste in accordance with Federal, State, and Local ordinances.

**PRECAUTION TO BE TAKEN IN HANDLING AND STORING:**

Do not store containers at extremely high temperatures.

**OTHER PRECAUTIONS:** All precautions in this MSDS must be observed.

**SECTION VIII- CONTROL METHODS**

**RESPIRATORY PROTECTION:**

(Specific Type):None

**VENTILATION:**

**LOCAL EXHAUST:** Normal  
**MECHANICAL (General)** None

**SPECIAL:** None  
**OTHER:** None

**PROTECTIVE GLOVES:** Rubber.

**EYE PROTECTION:** Chemical splash goggles.

**OTHER PROTECTIVE EQUIPMENT:** None

**WORK/HYGENIC PRACTICES:** Wash thoroughly after handling.

We believe all information given is accurate. It is offered in good faith, but without guarantee.

Since conditions are beyond our control, user assumes all responsibility and risk.