

Sanco Industries Inc.
P.O. Box 11617; Fort Wayne, IN 46859
Phone (888) 697-2626 / Fax (260) 426-7673

MATERIAL SAFETY DATA SHEET

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910. 1200.
Standard must be consulted for specific requirements.

SECTION I	PRODUCT IDENTIFICATION
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Product Name: Thrush Plex

Emergency Phone: 800-424-9300

SECTION II	HAZARDOUS INGREDIENTS IDENTIFICATION INFORMATION
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NFPA HAZARDS RATING

Fire 0

Toxicity 0

Reactive 1

<u>COMPONENT</u>	<u>PERCENTAGE</u>	<u>OSHA-PEL</u>	<u>OTHER LIMITS RECOMMENDED</u>
Ionized Copper CASRN 7440-50-8 (From Copper Sulfate Pentahydrate)	.268 %	N/A	N/A
*Sulfuric Acid CASRN 7664-93-9			
*Corrosive to Metals and some Fabrics,	<2.0 %	TWA 1 mg/M	IDLH 80 mg/M
Acid Blue #9	<2.0%	N/A	N/A
Non-Ionized Surfactant	2.8%	N/A	N/A
Non Hazardous Inert Ingredients	>92.932. %		
TOTALS	100 %		

SECTION III	PHYSICAL / CHEMICAL DATA
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APPEARANCE AND ODOR: Clear blue liquid; odorless

BOILING POINT: 220 degrees F

VAPOR PRESSURE (MM Hgt): N/A

EVAPORATION RATE: N/A

***pH:** 0.2 – 1.5

MELTING POINT: N/A

SOLUBILITY IN WATER: Completely Soluble.

VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY: 1.19

SECTION IV	FIRE AND EXPLOSION HAZARD DATA
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FLASH POINT: None

FLAMMABLE LIMITS: None

SPECIAL FIREFIGHTING PROCEDURES: None.

UNUSUAL FIRE OR EXPLOSION HAZARDS: None Known

SECTION V	REACTIVITY DATA
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STABILITY: The product is stable

INCOMPATIBILITY (Materials to avoid): High pH Solutions, Strong Bases. Corrosive To Some Metals and Fabrics.

HAZARDOUS DECOMPOSITION OF BY-PRODUCTS: Sulfuric Acid Fumes May Be Thermal Decomposition.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VI**HEALTH HAZARD DATA**

HEALTH HAZARDS: Avoid contact with eyes – irreversible eye damage may result. Avoid prolonged contact with skin. May cause skin irritation. Sulfur (Acute and Chronic) Allergies may occur.

SIGNS AND SYMPTOMS OF EXPOSURE: Allergies may occur. Skin irritation may occur. Avoid prolonged body contact (Always use protective clothing).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Sulfur allergies may occur.

EMERGENCY AND FIRST AID PROCEDURES: Treat as a sulfur base reaction. Always move to fresh air. Wash skin area with potable water.

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

SREPS TO BE TAKEN IN CASE MATRERIAL IS RELEASED OR SPILLED: Flush with water into a retaining area. Contain and neutralize with bicarbonate of soda or limestone.

WASTE DISPOSAL METHOD: Neutralize with bicarbonate of soda or fertilizer grade limestone and dispose of in accordance with all applicable local, state, & federal environmental regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid storage in excessive heat – expansion of container may occur creating spillage.

OTHER PRECAUTIONS: Do not store in nylon or galvanized equipment.

SECTION VIII**CONTROL MEASURES (PPE)**

RESPIRATORY PROTECTION: ADEQUATE LOCAL VENTILATION.

VENTILATION: YES

LOCAL EXHAUST: YES

PROTECTIVE GLOVES: YES/MILD IRRITATION MAY OCCUR

EYES PROTECTION: YES

WORK HYGIENE PRACTICES: WASH WITH WATER.

SECTION XIII**TRANSPORTATION INFORMATION**

DOT SHIPPING NAME:

DOT HAZARD CLASS:

UN/NA #:

PACKING GROUP: