

MATERIAL SAFETY DATA SHEET

Section 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

COMPANY INFORMATION:

Turning Star, Inc.
600 Willow Tree Road
Leonia, NJ 07605
Emergency Telephone: Chemtrec
1-800-424-9300

MSDS INFORMATION:

Preparation Date: 03/26/12
Effective Date: 03/26/12
Supercedes: 02/09/11

PRODUCT INFORMATION:

Product Name: Flame Guardian FG-230
Product Use: Fire Retardant; Flame Retardant

Section 2. COMPOSITION INFORMATION

CHEMICALS: HAZARDOUS

None listed.

CHEMICALS: NON-HAZARDOUS

Proprietary

Section 3. HAZARDS IDENTIFICATION

Ingestion: Ingestion of large quantities may cause gastrointestinal discomfort, vomiting, weakness or other medically related problems.
Inhalation: Continued and concentrated exposure may cause irritation to respiratory tract.
Eye Contact: Causes irritation, redness, pain.
Skin Contact: Continued long-term exposure may cause irritation.
Chronic Exposure: No information found

Section 4. FIRST AID MEASURES

Ingestion: Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
Inhalation: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Eyes: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower eyelids occasionally. Get medical attention.
Skin: Wash skin with water. Wash clothing before reuse.

Section 5. FIRE FIGHTING MEASURES

Fire: Not considered to be a fire hazard
Explosion: Not considered to be an explosion hazard
Extinguishing Media: Use appropriate extinguishing media for surrounding fire.
Special Fire Fighting Procedures: Product may release ammonia fumes under high heat. Use appropriate respirator.

Section 6. ACCIDENTAL RELEASE MEASURES

Wear appropriate personal protective equipment as specified in Section 8. Dam area if needed, mop up and containerize for reclamation or disposal. Small amounts may be flushed into sewer with plenty of water.

Section 7.**HANDLING AND STORAGE**

Keep in a tightly closed container, store in a cool, dry, ventilated area. Protect against physical damage. Observe all warnings and precautions listed for the product.

Section 8.**EXPOSURE CONTROLS/PERSONAL PROTECTION****Airborne Exposure Limits:**

None established

Ventilation System:

In general, normal ventilation is a satisfactory health hazard control for this product. However, if conditions of use create discomfort to the worker, a local exhaust system should be considered.

Personal Respirators (NIOSH Approved)

For normal use, no respirator is required.

Skin Protection:

Wear impervious protective clothing to prevent skin contact.

Eye Protection:

Use chemical safety goggles and/or full face shield where splashing of product is possible.

Section 9.**PHYSICAL AND CHEMICAL PROPERTIES****Appearance:**

Clear liquid

Odor:

None/slight ammonia

Specific Gravity:

1.05 – 1.1

pH:

6.5 – 7.0

% Volatiles by volume @21C (70F)

None

Boiling Point:

100C/212F

Flash Point:

None

Vapor Density (Air=1):

Not applicable

Vapor Pressure (mm Hg):

Not applicable

Section 10.**STABILITY AND REACTIVITY****Stability:**

Stable

Conditions to Avoid:

Extremely high temperatures

Hazardous Decomposition Products:

Burning solids after full evaporation may

produce ammonia and oxides of phosphor.

Hazardous Polymerization:

Will not occur

Incompatibilities:

Oxidizing agents

Section 11.**TOXICOLOGICAL INFORMATION**

No LD50/LC50 information found relating to normal routes of occupational exposure.

Section 12.**ECOLOGICAL INFORMATION**

None listed

Section 13.**DISPOSAL CONSIDERATIONS**

Whatever cannot be saved for recovery or recycling should be managed in an appropriate and approved waste disposal manner. State and local disposal regulations may differ from federal regulations.

Section 14.**TRANSPORT INFORMATION**

Not regulated by DOT.

Section 15.**REGULATORY INFORMATION**

TSCA	No
EC	No
Japan	No
Australia	No
Korea	No
DSL	No
NDSL	No
Phil.	No
SARA 302	No
SARA 313	No
TSCA 12b	No
Chemical Weapons Convention	No

Section 16. ADDITIONAL INFORMATION**HMIS RATINGS:**

Health: 1
Flammability: 0
Reactivity: 0
Contact: 1

HMIS RATING SYSTEM:

4 – severe hazard
3 – serious hazard
2 – moderate hazard
1 – slight hazard
0 – minimal hazard