



Inhibi-Guard 60

Material Safety Data Sheet

Ballast Star Corp.
20 Haarlem Ave.
White Plains, NY 10603

Revision Date: 06/14/2013

Emergency Overview

Appearance: Yellow
Odor: Mild vegetable oil odor

WARNING:

In processes where vapors, mists, dusts or airborne particulates may be generated, a NIOSH approved respirator is advised in the absence of proper environmental controls. Thermal and chemical resistant gloves should be used for liquid handling precautions. Chemical resistant gloves should be used for solid handling precautions.

Hazard Rankings

	HMIS	NFPA
Health Hazard	1	1
Fire Hazard	0	0
Flammability	1	1
Reactivity	0	0

Protective Equipment

Minimum Recommended
See Section 8 for Details

This recommendation reflects
minimum PPE



SECTION 1. PRODUCT IDENTIFICATION

Trade Name: Inhibi-Guard 60 **Technical Contact:** (914) 949-2000
Medical Emergency: (800) 424-9300
CAS Number: 120962-03-0 **CHEMTREC Emergency:** (800) 424-9300
(United States Only)
Synonyms: None

SECTION 3. HAZARDS IDENTIFICATION

Major Route(s) of Entry: Skin and Inhalation

Signs and Symptoms of Acute Exposure

- Eye Contact:** Contact may cause mild eye irritation including stinging, watering, and redness.
- Skin Contact:** If contact with heated liquid (140°F), treat for thermal burns. At room temperature, contact may cause mild skin irritation including redness, burning, and drying and cracking of the skin.
- Inhalation:** Vapors of finely misted materials may irritate the mucous membranes and cause irritation, dizziness, and nausea.
- Ingestion:** No hazards anticipated from ingestion.

SECTION 2. COMPOSITION

Component Name(s)	CAS Registry No.	Concentration (%)
Refined Canola Oil	120962-03-0	100

SECTION 4. FIRST AID MEASURES

Take proper precautions to ensure your own health and safety before attempting rescue or providing first aid.

- Eye Contact:** If irritation or redness develops, move victim away from exposure and into fresh air. Flush eyes with clean water. If symptoms persist, seek medical attention.
- Skin Contact:** Remove contaminated shoes, clothing and cleanse affected area(s) thoroughly by washing with mild soap and water. If irritation or redness develops and persists, seek medical attention.
- Inhalation:** If respiratory symptoms develop, move victim away from source of exposure and into fresh air. If symptoms persist, seek medical attention. If victim is not breathing, immediately begin artificial respiration. If breathing difficulties develop, oxygen should be administered by qualified personnel. Seek immediate medical attention.
- Ingestion:** No harmful effects reported.

SECTION 5. FIRE FIGHTING MEASURES

Flash Point > 500°F (Cleveland Open Cup Method)

Flammable Limits In Air Not applicable

Unusual Fire and Explosion Hazards Not applicable

Extinguishing Media Use foam, carbon dioxide or chemical fire fighting apparatus.

Special Fire Fighting Procedures The use of self-contained breathing apparatus is recommended for fire fighters. Do not use heavy stream of water. Fatty material will not float.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Protective Measures Not applicable

Spill Management Evacuate all non-essential personnel. Ventilate the area. Equip employees with appropriate personal protective equipment. Dike around spilled material. Cover spill with inert absorbent material and shovel with non-sparking tools into container. Remove containers to a safe area and seal.

SECTION 7. HANDLING AND STORAGE

Follow personal protection and controls set forth in Section 8 of this MSDS when handling this product.

Storage Drums: Protect against physical damage.
Bulk: Storage should be in standard flammable liquid storage tanks. To maintain product quality, do not store in heat or direct sunlight.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Personal Protective Equipment



Eye Protection Safety goggles or glasses with side shields to guard against splashes.

Skin Protection Thermal and chemical resistant gloves for liquid handling precautions. Chemical resistant gloves for solid handling precautions.

Respiratory Protection	In processes where vapors, mists, dusts or airborne particulates may be generated, a NIOSH approved respirator is advised in the absence of proper environmental controls.
Ventilation	Mechanical ventilation.
Hygiene	Wash hands well after handling this product.
Other Control Measures	Eye bath and safety shower. To prevent repeated or prolonged skin contact, wear impervious clothing and boots.

Occupational Exposure Guidelines

When exposure to this product and other chemicals in concurrent, the exposure limit must be defined in the workplace.

OSHA PEL: Vegetable oil mist TWA limits of 15 mg/m³ (total particulate) and 5 mg/m³ (respirable particulate) except castor oil, cashew nut, or similar irritant oils.

ACGIH TLV: Vegetable oil mists TWA 10 mg/m³.

ACGIH and OSHA have determined that adverse effects are not likely to occur in the workplace provided exposure levels do not exceed the appropriate TLVs/PELs. However, because of the wide variation in individual susceptibility; lower exposure limits may be appropriate for some individuals including persons with pre-existing medical conditions.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Attention: The data below are typical values and do not constitute a specification.

Appearance: Yellow	Odor: Mild vegetable oil odor	
pH: NA	Specific Gravity: 0.910 - 0.920	Viscosity: NA
Boiling Point: NA	Solubility: Negligible	Melting Point: NA
Vapor Pressure: < 0.05mm @ 300°C		Vapor Density (Air = 1): >1

SECTION 10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Incompatibility With Other Materials	Strong oxidizing agents, strong bases, and reducing agents.
Hazardous	Thermal decomposition may yield carbon dioxide.
Hazardous Polymerization	Hazard polymerization will not occur.
Conditions to Avoid:	Avoid contact with incompatible materials (see above).

SECTION 11. TOXICOLOGICAL INFORMATION

None of the components in this product are listed by IARC, NTP or OSHA as a carcinogen.

SECTION 12. ECOLOGICAL INFORMATION

ECOTOXICITY

No specific data on this product. Not expected to harmful to aquatic organisms.

ENVIRONMENTAL FATE

No definitive information available on environmental impact if product is released into the environment.

SECTION 13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local, state and federal regulations.

If discarded, this product is not considered a hazardous waste under RCRA (40 CFR 261).

The conditions of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage, or expense arising out of or in any way connected with the handling, storage, use or disposal of this product.

SECTION 14. TRANSPORT INFORMATION

The shipping description below may not represent requirements for all modes of transportation, shipping methods or locations outside the United States.

DOT Shipping Name: Not regulated by the Department of Transportation (DOT) as a Hazardous Material.

DOT Hazard Class: None

DOT Identification Number: NA

Placard: None required.

DOT Packing Group: NA

Emergency Response Guide No.: NA

SECTION 15. REGULATORY INFORMATION

CHEMICAL INVENTORIES:

TSCA (Toxic Substance Control Act): All components of this product are listed on the TSCA Inventory.

DSL (Supplement to Canada Gazette): All components of this material are listed on the DSL.

ECL (Korean Existing Chemicals List): All components of this material on the ECL.

Federal Regulations:

Sec. 302/304 Reportable Quantity of Extremely Hazardous Substance: None
Sec. 302 Threshold Planning Quantity, Extremely Hazardous Substance: None
Sec. 311/312 Hazard Categories: None
Sec. 313 and 40 CFR 372: Toxic Chemical Reportable Ingredients: None

SECTION 16. ADDITIONAL INFORMATION

Scale For NFPA and HMIS Ratings:

0-Least, 1-Slight, 2-Moderate, 3-High, 4-Extreme, PPE:-Personal Protective Equipment Index Recommendation, *-Chronic Effect Indicator. These values are obtained using the guidelines or published evaluations prepared by the National Fire Protections Association (NFPA) or the National Paint and Coating Association (for HMIS ratings).

ABBREVIATIONS THAT MAY HAVE BEEN USED IN THIS DOCUMENT:

TLV - Threshold Limit Value	TWA - Time Weighted Average
STEL - Short-term Exposure Limit	REL/PEL - Recommended/Permissible Exposure Limit
NA - Not Applicable	CAS - Chemical Abstract Service Number
NDA - No Data Available	NE - Not Established
IARC - International Agency for Research on Cancer	
NTP - National Toxicology Program	

THE INFORMATION IN THIS MSDS WAS OBTAINED FROM SOURCES WHICH WE BELIEVE ARE RELIABLE. HOWEVER, THE INFORMATION IS PROVIDED WITHOUT ANY WARRANTY, EXPRESSED OR IMPLIED REGARDING ITS CORRECTNESS. SOME INFORMATION PRESENTED AND CONCLUSIONS DRAWN HEREIN ARE FROM SOURCES OTHER THAN DIRECT TEST DATA ON THE SUBSTANCE ITSELF. THIS MSDS WAS PREPARED AND IS TO BE USED ONLY FOR THIS PRODUCT. IF THE PRODUCT IS USED AS A COMPONENT IN ANOTHER PRODUCT, THIS MSDS INFORMATION MAY NOT BE APPLICABLE. USERS SHOULD MAKE THEIR OWN INVESTIGATIONS TO DETERMINE THE SUITABILITY OF THE INFORMATION OR PRODUCTS FOR THEIR PARTICULAR PURPOSE.

THE CONDITIONS OR METHODS OF HANDLING, STORAGE, USE, AND DISPOSAL OR THE PRODUCT ARE BEYOND OUR CONTROL AND MAY BE BEYOND OUR KNOWLEDGE. FOR THIS AND OTHER REASONS, WE DO NOT ASSUME RESPONSIBILITY AND EXPRESSLY DISCLAIM LIABILITY FOR LOSS, DAMAGE, OR EXPENSE ARISING OUT OF OR IN ANY WAY CONNECTED WITH HANDLING, STORAGE, USE OR DISPOSAL OF THE PRODUCT.