# SAFETY DATA SHEET

**FOR COATINGS AND RELATED PRODUCTS**

*This Safety Data Sheet has been updated in accordance with the Global Harmonized System (GHS).*

## SECTION 1. Identification

**Trade Name:** **404-34490** **Free Jet blue 15:4**

**Revision Date:** 10 April 15
**Supersedes:** 12 January 05

**Relevant identified uses of the substance or mixture:**
Application of the mixture: For coatings and related products


**MANUFACTURER:**
Gibraltar Chemical Works, Inc.
114 E. 168th Street
South Holland, IL 60473
Phone: 1-708-333-0600


**24-HOUR Chemical Emergency Number:**
CHEMTREC Telephone Number: (800) 688-4005 CCN705637
CHEMTREC (Outside U.S. and Canada)Telephone Number: +1 703-527-3887

## SECTION 2. Hazard Identification

**United States (US)**
**According to OSHA 29 CFR 1910.1200 HCS**
**UN GHS**

**GHS Classification:** Mixture - Combustible Liquid 4 - H227

**Signal Word** WARNING
Combustible Liquid 4

### Hazard Statements:

H317 – This material may cause irritation of the skin
H320 – This material may be an eye irritant
H336 – Excessive exposure to vapors or spray mist can result in headache, dizziness, nausea or lack of coordination.
H305 – May be harmful if swallowed and enters airways.

### Precautionary Statements:

P210+P243 – Keep away from extreme heat and open flame. Prevent static discharge. Overheated sealed containers may build up pressure and burst. Vapor is heavier than air and can travel considerable distance to a source of ignation.

P378 – Use foam, dry chemical, carbon dioxide, or any Class B extinguishing agent to extinguish. Water may not be suitable as an extinguishing medium, but is helpful in keeping adjacent containers cool.

P331 + P313 – If ingested, DO NOT induce vomiting. Get medical attention.

P305+P351+313 – If in eyes flush with copious amounts of water for 15 minutes. Get medical attention.

## SECTION 3. Composition/Information on Hazardous Ingredients

**Substance:** Material does not meet the criteria of a substance.

**Mixture:**

| INGREDIENT | CAS # | WEIGHT % | GHS (H) CODES |
|---|---|---|---|
| EEP SOLVENT | 763-69-9 | 50.4 | 226 |
| DBE-2 | Mixture | 5.6 | |

## SECTION 4. First Aid Measures

### Description of First Aid Measures:

**Skin:** Wash immediately with soap and water.

**Eye:** Flush with copious amounts of water for 15 minutes. Get medical attention.

**Inhalation:** Move to fresh air immediately. If coughing, difficult breathing, or any other respiratory symptoms develop, seek medical attention at once.

**Ingestion:** DO NOT induce vomiting. Get medical attention.

### Indication of any immediate medical attention and special treatment needed:

Notes to Physician – All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## SECTION 5. Fire-fighting Measures

**Suitable Extinguishing Media:** Foam, dry chemical, carbon dioxide, or any Class B extinguishing agent. Water may not be suitable as an extinguishing medium, but is helpful in keeping adjacent containers cool.

**Unusual Fire and Explosion Hazards:** Keep away from extreme heat and open flame. Prevent static discharge. Overheated sealed containers may build up pressure and burst. Vapor is heavier than air and can travel outside considerable distance to a source of ignition.

## SECTION 6. Accidental Release Measures

**Steps to take if spilled:** Remove ignition sources. Cover the spill with absorbent material. If spill is large, dike to contain. Collect and containerize absorbed material for recovery or disposal.

**Waste Disposal:** Dispose of in accordance with Federal, State or Local regulations regarding environmental control.

## SECTION 7. Handling and Storage

**Precautions for safe handling:** Do not handle the product in the presence of heat, sparks, or open flame. Ground and bond all containers when transferring.

**Conditions for safe storage:** Store between 40° F and 100° F.

## SECTION 8. Exposure Controls/Personal Protection

| INGREDIENT | CAS # | OSHA - PEL - TWA | ACGIH - TLV - TWA |
|---|---|---|---|
| EEP SOLVENT<br>DBE-2 | 763-69-9<br>Mixture | <br>Not Est. | |

**Respiratory Protection:** In locations with marginal exhaust facilities good practice requires the use of a respirator that is recommended for use in solvent-containing areas.

**Ventilation:** Ventilation is required to maintain air concentrations below TLV. If material alone or in a system, is spray applied, local ventilation should be provided and a respirator should be worn.

**Protective Gloves:** Solvent-resistant gloves should be worn.

**Eye Protection:** Safety glasses or chemical goggles should be worn.

## SECTION 9. Physical and Chemical Properties

**Weight/Gallon:** 8.91 #/G

**% Volatile by Volume:** 62.69 %

**V.O.C. as supplied:** 4.99 #/G 594 gm/l

**Appearance:** Liquid
**Odor:** Not Relevant
**Odor threshold:** Not Relevant
**pH:** Not Relevant
**Melting Point/freezing point:** Not Relevant
**Initial Boiling point and boiling range:** 329-420 °F
**Flash Point:** > 141 °F
**Evaporation Rate:** Slower than n-Butyl Acetate
**Flammability (solid, gas)** Not Relevant

**Lower Explosion Limit:** 1.1
**Vapor Pressure:** Not Relevant
**Vapor Density:** Heavier than air
**Relative Density:** Not Relevant
**Solubility(ies):** Not Relevant
**Partition coefficient; n-octanol/water:** Not Relevant
**Auto-ignition temperature:** Not Relevant
**Decomposition temperture:** Not Relevant
**Viscosity:** Data Lacking

## SECTION 10. Stability and Reactivity

**Reactivity:** No dangerous reaction known under conditions of normal use.

**Chemical Stability:** Stable under normal temperature and pressures.

**Possibility of hazardous reactions:** Overheated sealed containers may buildup pressure and burst.

**Conditions to avoid:** Heat, sparks, open flames.

**Incompatible materials:** None

**Possibility of hazardous reactions:** Carbon Dioxide, Carbon Monixide Acrylic Monomer

## SECTION 11. Toxicological Information

There is no data available on the mixture itself. See Sections 2 and 3 for details.

## SECTION 12. Ecological Information

There is no data available on the mixture itself. Do not allow to enter drains or watercourses

## SECTION 13. Disposal Considerations

Dispose of in accordance with Federal, State, or Local regulations regarding environmental control.

## SECTION 14. Transportation Information

**DOT Shipping Name:** Pigment Dispersion

**DOT Hazard Class:** na

**DOT UN/NA Number:** na

**DOT Packing Group:**

**DOT ERG:** na

## SECTION 15. Regulatory Information

**TSCA Inventory:** All components are listed on the TSCA Inventory.

**HMIS:** 2 2 0 B

## SECTION 16. Other Information

The information on this SDS was obtained from sources we believe to be reliable. However, the information provided is without any warranty, expressed or implied, regarding its correctness. The information and recommendations are offered for the user's consideration and examination and should be used to make an independent determination of the methods to safeguard workers and the environment. The conditions or methods of handling, storage, use and disposal of the product are beyond our control and may be beyond our knowledge. For these reasons we do not assume responsibility and expressly disclaim any liability for loss, damage or expense arising out of or in any way connected with handling, storage, use, or disposal of this product. It is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.