

MSDS Material Safety Data Sheet

The Blaster Chemical Companies, Inc.



TVF Trans-Valve Fix

MSDS Number: TVF

Revision Date: 02/23/06

Page 1 of 5

1 PRODUCT AND COMPANY IDENTIFICATION

Product Name: TVF Trans-Valve Fix
Revision Date: 02/23/06
MSDS Number: TVF
Product Code: 16-TVF

Manufacturer: The Blaster Chemical Companies, Inc.
8500 Sweet Valley Drive
Valley View, Ohio 44125

(216) 901-5800
(216) 901-5801 fax
www.blasterproducts.com

2 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.
8042475	Mineral oil	40-55%
8032324	VM & P Naphtha	20-30%
67630	Isopropyl alcohol	10-20%
9003138	Poly[oxy(methyl-1,2-ethanediyl)], .alpha	<10%
68649423	Zinc Alkyl Dithiophosphate	<10%

3 HAZARDS IDENTIFICATION

Route of Entry: Eyes, skin, inhalation, ingestion
Target Organs:
Inhalation: Inhalation of spray mist may cause irritation to the respiratory tract.
Skin Contact: Repeated or prolonged contact with skin may cause mild irritation and possibly dermatitis.
Eye Contact: Likely to cause immediate or delayed irritation. Irritation will show as redness and/or swelling of the eyes.
Ingestion: Ingestion may cause irritation to the mouth, esophagus and stomach.

MSDS Material Safety Data Sheet

The Blaster Chemical Companies, Inc.



TVF Trans-Valve Fix

MSDS Number: TVF

Revision Date: 02/23/06

Page 2 of 5

4 FIRST AID MEASURES

- Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Continue to monitor. Get medical attention.
- Skin Contact:** Remove contaminated clothing immediately! Wash skin with soap and water. If irritation develops, seek medical attention.
- Eye Contact:** Flush eye(s) with water for 15 minutes. Get medical attention. If eye irritation persists, obtain medical treatment.
- Ingestion:** If conscious, immediately give the person two large glasses of water. Do not induce vomiting. Get medical attention immediately.

5 FIRE FIGHTING MEASURES

Flash point: 58°F (TCC)

Extinguishing Media: Dry chemical, carbon dioxide, halon or foam is recommended. Water spray may be used to cool containers or structures. Halon may decompose into toxic materials and carbon dioxide will displace oxygen. Take precautions when using these materials.

General Fire and Explosion Hazards: This material may be ignited by heat, sparks (static electricity), flame or other ignition sources. Vapors are heavier than air and will collect in low areas (sewers) and can travel considerable distances. If containers are not cooled in a fire, they may explode.

Fire Fighting Procedures: Emergency responders should wear self-contained breathing apparatus. Wear other protective gear as conditions warrant. Keep unauthorized people out. Try to contain spills or leaks if it can be done safely. Material will float on water. Avoid spreading.

6 ACCIDENTAL RELEASE MEASURES

In case of spill or release, avoid vapors and ignition sources. Use appropriate protective devices and absorbents. Stop and contain the discharge if it can be done safely. Keep out of drains and waterways. Handle with trained personnel only. Notify authorities as required by law.

7 HANDLING AND STORAGE

Handling Precautions: Use in accordance with good industrial workplace practices. Avoid unnecessary contact. Wash thoroughly after handling. Use with good ventilation.

Storage Requirements: Store in a dry place away from excessive heat. Store containers with lids on and properly labeled.

Do not store at temperatures above 120 degrees F.

MSDS Material Safety Data Sheet

The Blaster Chemical Companies, Inc.



TVF Trans-Valve Fix

MSDS Number: TVF

Revision Date: 02/23/06

Page 3 of 5

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Eye wash stations and emergency showers should be immediately available.

Protective Equipment: Eyes and Face: Standard safety glasses with splash shields typically offer adequate protection. Where excessive splashing or spraying is possible, a face shield should be used. Do not wear contacts.

Skin and clothing: Excessive contact should be avoided. Nitrile gloves, boots and aprons will provide adequate protection when contact cannot be avoided. Remove and wash any contaminated clothing immediately. Wash thoroughly after handling.

Respiratory: Good general ventilation should be sufficient to control airborne levels. Maintain airborne concentrations below OSHA established exposure limits of ingredients in Section 2. Use NIOSH approved respirator if ventilation is not adequate enough to maintain levels below these limits.

Exposure Guidelines/Other: The Blaster Chemical Companies takes not responsibility for determining what measures are required for personal protection in any specific application. This information should be used with discretion.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	red, transparent, thin	Boiling Point:	180 F
Physical State:	liquid	Freezing/Melting Pt.:	Not Determined
Odor:	typical solvent-like	Solubility:	nil
pH:	Not Determined	Spec Grav./Density:	0.83 - 0.85
Vapor Pressure:	Not Determined		
Vapor Density:	>1 (air = 1)		
Heat Value:	Not Determined		
VOC:	Not Determined		
Evap. Rate:	>1 (NBA=1)		
Bulk Density:	Not Determined		
Octanol:	Not Determined		
Molecular Weight:	Not Determined		
Particle Size:	Not Applicable		
Softening Point:	Not Applicable		
Viscosity:	Not Determined		
Percent Volatile:	Not Determined		
Sat. Vap. Concentrat.:	Not Determined		
Molecular Formula:	Not Determined		

MSDS Material Safety Data Sheet

The Blaster Chemical Companies, Inc.



TVF Trans-Valve Fix

MSDS Number: TVF

Revision Date: 02/23/06

Page 4 of 5

10 STABILITY AND REACTIVITY

Stability:	This product is stable.
Conditions to avoid:	Avoid excessive heat, sources of ignition and excessive water.
Materials to avoid (incompatibility):	Avoid contact with strong oxidizing agents and strong reducing agents (strong acids or bases.) Avoid mixture with water.
Hazardous Decomposition products:	Combustion will product carbon monoxide, carbon dioxide and nitrogen-oxygen compounds
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Toxicological information on this product as a mixture has not been determined. See Section 15 for reportable ingredients.

12 ECOLOGICAL INFORMATION

Ecological information on this product as a mixture has not been determined.

13 DISPOSAL CONSIDERATIONS

Used or unused product should be disposed of in accordance with local, state and federal regulations.

Empty containers may contain residual pressure and contents. They should be handled with the same precautions as the product.

14 TRANSPORT INFORMATION

Dept. of Transportation (DOT):

Proper shipping name:	Flammable Liquid, n.o.s. (naptha)
Hazard class:	3
UN #:	1993
Packing Group:	III

This product may be packaged to meet the definitions set forth in CFR 49 part 173.150c as a "consumer commodity." Allowing for certain exceptions (173.156) for domestic surface shipments.

Please call The Blaster Chemical Companies for clarification or questions regarding proper shipping information.

MSDS Material Safety Data Sheet

The Blaster Chemical Companies, Inc.



TVF Trans-Valve Fix

MSDS Number: TVF

Revision Date: 02/23/06

Page 5 of 5

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*VM & P Naphtha (8032324 20-30%) OSHAWAC, PA, TXAIR

*Isopropyl alcohol (67630 10-20%) MASS, NJHS, NRC, OSHAWAC, PA, SARA313, TXAIR

REGULATORY KEY DESCRIPTIONS

OSHAWAC = OSHA Workplace Air Contaminants

PA = PA Right-To-Know List of Hazardous Substances

TXAIR = TX Air Contaminants with Health Effects Screening Level

MASS = MA Massachusetts Hazardous Substances List

NJHS = NJ Right-to-Know Hazardous Substances

NRC = Nationally Recognized Carcinogens

SARA313 = SARA 313 Title III Toxic Chemicals

16 OTHER INFORMATION

Manufacturer's Disclaimer:

To the best of our knowledge, the information contained herein is accurate. However, neither The Blaster Chemical Companies nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exists.

HMIS Ratings

Health: 2

Fire: 3

Reactivity 0

END OF MSDS DOCUMENT