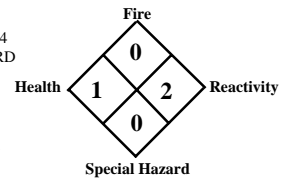




MATERIAL SAFETY DATA SHEET

NFPA Designation 704
 DEGREE OF HAZARD
 4 = EXTREME
 3 = HIGH
 2 = MODERATE
 1 = SLIGHT
 0 = INSIGNIFICANT



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

U.S. DEPARTMENT OF LABOR Occupational Safety and Health Administration (Non-Mandatory Form) Form-Approved OMB No. 1218.0072

CHEMICAL NAME**YELLOW ELIMINATOR****PRODUCT USAGE**

Yellow Correction/Acid Treatment

SECTION IManufactured For: **Steam Way® International**Emergency Telephone Number: **(303) 355-3566**Address: **4550 Jackson Street**Telephone Number For Information: **(303) 355-3566**City, State, Zip: **Denver, Colorado 80216**Date Prepared: **2****SECTION II - Hazardous Ingredient Information**

Hazardous Components (If component is non-hazardous, specify by * designation)
 (Specific Chemical Identity: CAS#)

% optional

*Tartaric Acid C.A.S. #87-69-4

>10

* Water C.A.S. #007732-18-5

>80

Contains no hazardous ingredients as defined by O.S.H.A. "Hazard Communication" 29 CFR 1910.1200. Contains no reportable chemicals under SARA Title III, Sections 311, 312, or 313.

SECTION III - Physical/Chemical Characteristics

Boiling Point	N.A.	Specific Gravity (H ₂ O = 1)	1.76
Vapor Pressure (mm Hg.)	N.A.	Melting Point	N.A.
Vapor Density (Air=1)	N.A.	Evaporation Rate (Butyl Acetate=1)	N.A.
Solubility Rate	20°C 139g/100 ml.	Percent, Volatile by Volume (%)	N.A.
Appearance and Odor	Odorless, Colorless Liquid		

SECTION IV - Fire and Explosion

Flash Point (Method Used)	410°F (oc)	Flammable Limits	UEL	LEL
Extinguishing Media	Water/CO2	Not established		
Special Fire Fighting Procedures	None normally required.			
Unusual Explosion Hazard	Autoignition Temperature 797°F			

SECTION V - Reactivity Data

<u>Stability</u>	<u>Unstable</u>		<u>Conditions to Avoid</u>
			Not applicable
	<u>Stable</u> X		

Incompatibility (Materials to Avoid)

Reactive metals in contact with solutions (Iron, Zinc, Aluminum)

Hazardous Decomposition or by-Products

Not established

<u>Hazardous Polymerization</u>	<u>May Occur</u>		<u>Conditions to Avoid</u>
			Not applicable
	<u>Will Not Occur</u> X		

SECTION VI - Health Hazard Data

Health Hazards (Acute and Chronic): Rout(s) of Entry/Signs and Symptoms of Exposure

Inhalation: None

Ingestion: None

Skin: Mild Irritation

Eye: Irritant

Emergency and First Aid Procedures

If skin irritation develops, flush with water for ten minutes. If eye contact occurs, flush with water. Consult a physician.

Carcinogenicity: NIP? IARC Monographs? OSHA Regulated?

None

Medical Conditions Generally Aggravated by Exposure

None known

SECTION VII - Precautions For Safe Handling And Use

Steps to be taken in Case Material is Released or Spilled

Mop up or allow to dry.

Waste Disposal Method

Water flush to drain, in conformance with pertinent federal, state, or local regulation.

Precautions To Be Taken In Handling And Storing

Store in closed containers.

Other PrecautionsAqueous solutions of tartaric acid can liberate explosive H₂ gas if contacted with reactive metals (iron, zinc, aluminum).

SECTION VIII - Control Measures

Respiratory Protection (Specific Type)

Respirator if needed.

<u>Ventilation</u>	<u>Local Exhaust</u>	<u>Special</u>
	Regular	N.A.
	<u>Mechanical (General)</u>	<u>Other</u>
	N.A.	N.A.

Protection Gloves

Standard rubber gloves

Eye Protection

Chemical goggles

Other Protective Clothing or Equipment

None

Work/Hygienic Practices

None