

## SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Orange Fury  
 PRODUCT USE: Cleaner  
 MANUFACTURED FOR: Warsaw Chemical Holdings LLC.  
 P.O. Box 858  
 Warsaw, IN 46581  
 INFORMATION PHONE: Tel: 1-800-548-3396  
 Fax: 1-574-267-3884  
 EMERGENCY PHONE: INFOTRAC  
 1-800-535-5053 USA & Canada  
 352-323-3500 International

## SECTION 2 - HAZARD(S) IDENTIFICATION

CLASSIFICATION: Eye Damage: Category 2B  
 PICTOGRAMS:  
 GHS ELEMENTS:  
 SIGNAL WORD: Warning  
 HAZARD STATEMENT(S): H320 | Causes eye irritation.  
 PRECAUTIONARY STATEMENT(S): P264 | Wash any exposed body parts thoroughly after handling.  
 P305 + P351 + P338 | IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P337 + P313 | If eye irritation persists: Get medical advice/attention.  
 ADDITIONAL PRECAUTIONS: None Known

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENT	CAS #	PERCENT
2-Butoxyethanol	111-76-2	1 - 5%
Alkylbenzenesulfonic Acid	68584-22-5	1 - 5%
Sodium tripolyphosphate	7758-29-4	1 - 5%
Potassium Hydroxide 45%	1310-58-3	< 1.0%
Solvent	94266-47-4	< 1.0%
Nonionic Thickner Blend	NA	< 1.0%
#328 Sunflower Yellow Dye	Not Available	< 1.0%

ingredients known to be hazardous.

## SECTION 4 - FIRST AID MEASURES

EYES:	Check for and remove contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention immediately.
SKIN:	Wash skin surfaces thoroughly after contact. Wash clothing and clean shoes thoroughly before reuse. Get medical attention if irritation develops.
INHALATION:	Move exposed person to fresh air. If breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Loosen clothing. Get medical attention immediately.
INGESTION:	Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.
GENERAL:	Physicians: No specific treatment. Treat symptomatically. Contact poison treatment specialist if large quantities have been inhaled or ingested.

See Section 11 for exposure symptoms.

## SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABILITY:	In a fire or if heated, a pressure increase will occur and the container may burst.
EXTINGUISHING MEDIA:	Use an extinguishing agent suitable for the surrounding fire.
PROTECTIVE EQUIPMENT:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with full face-piece operated in positive pressure mode.
ADDITIONAL INFORMATION:	Thermal decomposition products-carbon monoxide, sulfur oxides, metal oxide/oxides, halogenated compounds.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	No action should be taken involving individual risk or without suitable training. Isolate area. Avoid contact with material. Do not breathe vapors. Provide adequate ventilation. Wear proper personal protective equipment.
ENVIRONMENTAL:	Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform relevant authorities if the product reaches sewers, waterways or soil.
CONTAINMENT/CLEANUP:	Stop leak if without risk. Move containers from spill area. Contain or absorb with inert dry material. Dispose of according to local regulations. See Section 1 for emergency contact information and 13 for waste disposal.



ODOR:	Citrus	VAPOR PRESSURE:	NA
ODOR THRESHOLD:	NA	VAPOR DENSITY:	NA
PH:	08.1 - 10.0	RELATIVE DENSITY:	NA
MELTING POINT:	NA	SOLUBILITY:	Completely Water Soluble
FREEZING POINT:	NA	PARTITION COEFFICIENT:	NA
BOILING POINT:	NA	AUTO-IGNITION TEMPERATURE:	NA
FLASH PT METHOD:	NA	DECOMPOSITION TEMPERATURE:	NA
FLASH POINT:	NA	SPECIFIC GRAVITY:	1.00000
EVAPORATION RATE:	NA	% VOLATILE:	NA
FLAMMABILITY:	Nonflammable	VISCOSITY (cst):	NA

## SECTION 10 - STABILITY AND REACTIVITY

REACTIVITY:	HAZARDOUS DECOMPOSITION PRODUCTS
CHEMICAL STABILITY:	Stable under normal conditions
POSSIBILITY OF HAZARDOUS REACTIONS:	Stable under normal conditions
CONDITIONS TO AVOID:	None known
INCOMPATIBLE MATERIALS:	Strong acids and oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS:	Material does not decompose at ambient temperatures.

## SECTION 11 - TOXICOLOGICAL INFORMATION

ROUTES OF ENTRY:	Inhalation	Absorption	Ingestion
ACUTE EXPOSURE HAZARDS:			
EYE CONTACT:	Irritation		
DERMAL:	None expected.		
ORAL:	Nausea, diarrhea.		
INHALATION:	Minimally toxic based on test data for structurally similar materials.		

2-Butoxyethanol (CAS No. 111-76-2)  
Oral LD50: Rat 470 mg/kg  
Alkyybenzenesulfonic Acid (CAS No. 68584-22-5)  
Oral LD50: greater than 5mg/kg  
Sodium tripolyphosphate (CAS No. 7758-29-4)  
Oral LD50: 5400mg/kg rat  
Dermal LD50: 7940mg/kg rabbit  
Solvent (CAS No. 94266-47-4)  
Oral LD50: 4,400 mg/kg rat

## SECTION 12 - ECOLOGICAL INFORMATION

ECOTOXICITY: No data available.  
PERSISTENCE & DEGRADABILITY: No data available.  
BIOACCUMULATIVE POTENTIAL: No data available.  
MOBILITY IN SOIL: No data available.  
OTHER ADVERSE EFFECTS: No data available.

2-Butoxyethanol (CAS No. 111-76-2)  
Fish LC50: 1250mg/L, 96h, Inland Solverside  
Crustacean LC50: Daphnia 1818 mg/L 24h  
Alkyybenzenesulfonic Acid (CAS No. 68584-22-5)  
Fish LC50: greater than 1000mg/L  
Crustacean LC50: greater than 1000mg/L daphnia  
Sodium tripolyphosphate (CAS No. 7758-29-4)  
Fish LC50: greater than 100mg/L 96h trout  
Crustacean LC50: greater than 1000mg/L 48h daphnia  
Solvent (CAS No. 94266-47-4)  
Fish LC50: 0.702 mg/L 96h minnow

## SECTION 13 - DISPOSAL CONSIDERATION

Material that cannot be saved for recovery or recycling should be managed in an appropriate and approved waste facility. Processing, use or contamination of the product may change the waste management options. Waste generators must decide if discarded material is a hazardous waste. State and local disposal regulations may differ from federal disposal definitions. Dispose of container and unused contents in accordance with federal, state and local requirements.

## SECTION 14 - TRANSPORT INFORMATION

DOT (US)

UN NUMBER: NA

SHIPPING NAME: NA

TECHNICAL NAME: NA  
HAZARD CLASS: NA  
PACKAGING GROUP: NA

**SECTION 15 - REGULATORY INFORMATION**

SARA 313 COMPONENTS	CAS NO.	% LESS THAN
2-Butoxyethanol	111-76-2	1 - 5%
Potassium Hydroxide 45%	1310-58-3	< 1.0%

CALIFORNIA PROP. 65 COMPONENTS	CAS NO.	% LESS THAN
2-Butoxyethanol	111-76-2	1 - 5%

This product can expose you to Ethylene Glycol, which is known to the State of California to cause birth defects or other reproductive harm..

RQ 1,000#  
RTK: PA, NJ

**SECTION 16 - OTHER INFORMATION**

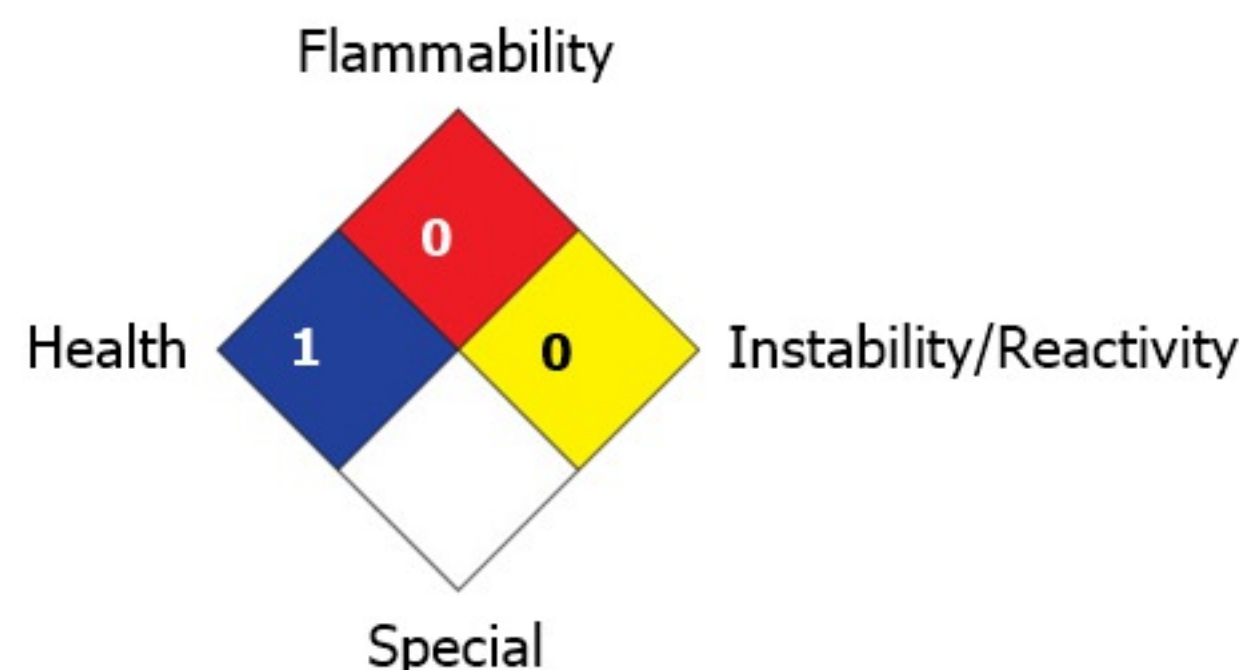
HAZARDOUS MATERIAL INFORMATION SYSTEM (U.S.A.)

<b>Health Hazard</b>	<b>1</b>
<b>Fire Hazard</b>	<b>0</b>
<b>Reactivity</b>	<b>0</b>
<b>Personal Protection</b>	<b>A</b>

Caution: HMIS ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks and 4 representing significant hazards or risks.

- A Safety Glasses
- B Safety Glasses, Gloves
- C Safety Glasses, Gloves, Apron
- D Face Shield, Gloves, Apron
- E Safety Glasses, Gloves, Dust Respirator
- F Safety Glasses, Gloves, Apron, Dust Respirator
- G Safety Glasses, Gloves, Vapor Respirator
- H Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
- I Safety Glasses, Gloves, Dust & Vapor Respirator
- J Splash Goggles, Gloves, Apron, Dust & Vapor Respirator
- K Airline Hood or Mask, Gloves, Full Suit, Boots
- X Consult your supervisor for special handling directions

NATIONAL FIRE PROTECTION ASSOCIATION (U.S.A.)



NFPA warning system is intended to be interpreted and applied only by properly trained individuals to identify fire, health, and reactivity hazards of chemicals.

Information on this form is furnished solely for the purpose of compliance with the Occupational Safety and Health Act of 1970 and shall not be used for any other purpose. Use or dissemination of all or any part of this information can be grounds for legal action.

To the best of our knowledge, the information provided in this Safety Data Sheet is accurate as of the date of its issue. However, NOTHING HEREIN IS TO BE CONSTRUED AS A WARRANTY, EXPRESS OR OTHERWISE. The information this Safety Data Sheet contains is being given to that material when combined with other material(s) or when used otherwise than as described herein.

In all cases, it is the responsibility of the user to determine the applicability of such information and recommendations and the suitability of any product for its own particular purpose. All materials may represent unknown hazards and should be used with caution.