

# SAFETY DATA SHEET



Date Prepared : 06/16/2016

SDS No : Orange Boy

Date Revised : 05/20/2021

Revision No : 1

## 1. PRODUCT AND COMPANY IDENTIFICATION

**GENERAL USE:** 208-375-7200**PRODUCT DESCRIPTION:** Heavy Duty Water Based Citrus Cleaner**PRODUCT CODE:** Orange Boy**PRODUCT FORMULATION NAME:** Orange Boy**CHEMICAL FAMILY:** Water Based Citrus Blend

### MANUFACTURER

Technichem

P.O. Box 475

Rupert, ID 83350

**Emergency Contact:** Corporate Office**Emergency Phone:** 208-531-4100**Customer Service:** 208-531-4100**Transportation:** 1-800-633-8253 PERS

### 24 HR. EMERGENCY TELEPHONE NUMBERS

PERS 1-800-633-8253 contract # 8575

## 2. HAZARDS IDENTIFICATION

### GHS CLASSIFICATIONS

Causes skin and eye irritation.

### GHS LABEL

Not Classified as Hazardous according to 29 CFR

### HAZARD STATEMENTS

H316: Causes mild skin irritation.

H320: Causes eye irritation.

**HAZARDS NOT OTHERWISE CLASSIFIED:** NA = Not Applicable

### EMERGENCY OVERVIEW

**PHYSICAL APPEARANCE:** Orange Liquid**IMMEDIATE CONCERNS:** None

### POTENTIAL HEALTH EFFECTS

**EYES:** Contact may cause eye irritation.**SKIN:** None**SKIN ABSORPTION:** None**INGESTION:** None Expected.**INHALATION:** None Expected.

### REPRODUCTIVE TOXICITY

**REPRODUCTIVE EFFECTS:** None**TERATOGENIC EFFECTS:** None**CARCINOGENICITY:** None**MUTAGENICITY:** None**MEDICAL CONDITIONS AGGRAVATED:** None Expected.**CANCER STATEMENT:** None Expected.**WARNING CAUTION LABELS:** None

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### 3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt.%	CAS
D-limonene	< 4	5989-27-5
Sodium Dodecylbenzene Sulfonate	< 4	25155-30-0
Sodium Xylenesulfonate	< 4	1300-72-7
Linear Primary Alcohol Ethoxylate	< 4	68439-46-3
Sodium Hydroxide	< 1	1310-73-2
Edta Disodium Salt	< 1	6381-92-6
Triphosphoric Acid, Pentapotassium Salt	< 1	13845-36-8

### 4. FIRST AID MEASURES

**EYES:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** Get immediate medical attention. Do not induce vomiting unless instructed to do so by poison center or physician.

**INHALATION:** No specific treatment is necessary since this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.

#### SIGNS AND SYMPTOMS OF OVEREXPOSURE

**EYES:** Irritation and redness

**SKIN:** Irritation and redness

**SKIN ABSORPTION:** None

**INGESTION:** If swallowed, do NOT induce vomiting. Give victim a glass of water or juice. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

**INHALATION:** None

**ACUTE EFFECTS:** None Expected.

**CHRONIC EFFECTS:** None Expected.

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE CLASS:** None

**FLAME PROPAGATION OR BURNING RATE OF SOLIDS:** None

**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.

**HAZARDOUS COMBUSTION PRODUCTS:** None

**OTHER CONSIDERATIONS:** None

**EXPLOSION HAZARDS:** None

**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

**SENSITIVE TO STATIC DISCHARGE:** None

**SENSITIVITY TO IMPACT:** None

**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

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## 6. ACCIDENTAL RELEASE MEASURES

**SMALL SPILL:** Mop up with water and rinse

**LARGE SPILL:** Mop up with water, care should be used, surface may be slippery

### ENVIRONMENTAL PRECAUTIONS

**WATER SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**LAND SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.

**AIR SPILL:** None

**GENERAL PROCEDURES:** Clean up spills immediately, observing precautions in Protective Equipment section.

**RELEASE NOTES:** None

**SPECIAL PROTECTIVE EQUIPMENT:** None

## 7. HANDLING AND STORAGE

**GENERAL PROCEDURES:** Avoid prolonged or repeated contact with skin.

**HANDLING:** Follow all SDS/label precautions even after container is emptied because it may retain product residues.

**STORAGE:** Keep from freezing.

**STORAGE TEMPERATURE:** Store at room temperature - below 75 F and above 50 F

**LOADING/UNLOADING VISCOSITY:** NA = Not Applicable

**STORAGE PRESSURE:** NA = Not Applicable

**STORAGE SEGREGATION CLASS:** N

**SHELF LIFE:** At least 2 years from date of manufacture

**ELECTROSTATIC ACCUMULATION HAZARD:** None

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)				
Chemical Name	EXPOSURE LIMITS			
	Type	ppm	mg/m <sup>3</sup>	
Sodium Dodecylbenzene Sulfonate	Supplier OEL	TWA	NL	NL
		STEL	NL	NL
Sodium Hydroxide	OSHA PEL	TWA		2
	Supplier OEL	TWA	NL	NL
		STEL	NL	NL

### PERSONAL PROTECTIVE EQUIPMENT

**EYES AND FACE:** Wear safety glasses with side shields (or goggles) and a face shield.

**SKIN:** Nitrile gloves

**RESPIRATORY:** No special ventilation requirements.

**PROTECTIVE CLOTHING:** normal work clothes

**WORK HYGIENIC PRACTICES:** Do not smoke when using this product or any chemicals.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	Flash Point (°C)
Linear Primary Alcohol Ethoxylate	334

**PHYSICAL STATE:** Liquid**ODOR:** citrus / orange**APPEARANCE:** Orange Liquid**COLOR:** Orange**pH:** 10**PERCENT VOLATILE:** 95%**FLASH POINT AND METHOD:** None**FLAMMABLE LIMITS:** 0 to 0**AUTOIGNITION TEMPERATURE:** None**VAPOR PRESSURE:** NA = Not Applicable**VAPOR DENSITY:** NA = Not Applicable**BOILING POINT:** 210 F**FREEZING POINT:** 28 F**THERMAL DECOMPOSITION:** None known.**SOLUBILITY IN WATER:** 100%**EVAPORATION RATE:** Water = 1 Orange Boy = 1.1**DENSITY:** NA = Not Applicable**SPECIFIC GRAVITY:** 1.03**VISCOSITY:** water thin**(VOC):** 4 %

## 10. STABILITY AND REACTIVITY

**REACTIVITY:** None Expected.**HAZARDOUS POLYMERIZATION:** None Expected.**STABILITY:** Stable.**CONDITIONS TO AVOID:** None**POSSIBILITY OF HAZARDOUS REACTIONS:** None Expected.**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.

## 11. TOXICOLOGICAL INFORMATION

## ACUTE TOXICITY

Chemical Name	ORAL LD <sub>50</sub>	DERMAL LD <sub>50</sub>
Linear Primary Alcohol Ethoxylate	1400 to 2700	> 4000

**DERMAL LD<sub>50</sub>:** May cause skin irritation**ORAL LD<sub>50</sub>:** None Expected.

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**INHALATION LC<sub>50</sub>:** None Expected.

**SKIN CORROSION/IRRITATION:** May cause skin irritation

**SERIOUS EYE DAMAGE/IRRITATION:** May cause eye irritation.

**RESPIRATORY OR SKIN SENSITISATION:** None Expected.

**GERM CELL MUTAGENICITY:** None

**CARCINOGENICITY**

**OSHA:** None

**NOTES:** None

**REPRODUCTIVE TOXICITY:** None

**STOT-REPEATED EXPOSURE:** None Expected.

## 12. ECOLOGICAL INFORMATION

**ENVIRONMENTAL DATA:** Not yet Determined

**ECOTOXICOLOGICAL INFORMATION:** None

**BIOACCUMULATION/ACCUMULATION:** None

**AQUATIC TOXICITY (ACUTE):** None Expected.

## 13. DISPOSAL CONSIDERATIONS

**DISPOSAL METHOD:** Neutralize with acid to reach a Ph between 5 and 9 and dispose of into a waste water treatment system.  
 Spent product may already be at a Ph of 9 or below.

**FOR LARGE SPILLS:** Product should be collected for re-use, rinse surface with water, surface may be slippery.

**PRODUCT DISPOSAL:** Disposal should be in accordance with regulations

**EMPTY CONTAINER:** Rinse with water, recycle if possible

**RCRA/EPA WASTE INFORMATION:** None

**RCRA HAZARD CLASS:** None

## 14. TRANSPORT INFORMATION

**DOT (DEPARTMENT OF TRANSPORTATION)**

**PROPER SHIPPING NAME:** Liquid Cleaning Compound

**TECHNICAL NAME:** Liquid Cleaning Compound

**PRIMARY HAZARD CLASS/DIVISION:** None

**U.S. SURFACE FREIGHT CLASS:** 55

**PLACARDS:** None

**LABEL:** None

**ROAD AND RAIL (ADR/RID)**

**PROPER SHIPPING NAME:** Liquid Cleaning Compound

**AIR (ICAO/IATA)**

**SHIPPING NAME:** Liquid Cleaning Compound

**CANADA TRANSPORT OF DANGEROUS GOODS**

**SHIPPING NAME:** Liquid Cleaning Compound

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## 15. REGULATORY INFORMATION

## UNITED STATES

## SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

311/312 HAZARD CATEGORIES: None

FIRE: No PRESSURE GENERATING: No REACTIVITY: No ACUTE: No CHRONIC: No

313 REPORTABLE INGREDIENTS: None

## 302/304 EMERGENCY PLANNING

EMERGENCY PLAN: None

## CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY: None

Chemical Name	Wt.%	CERCLA RQ
Sodium Dodecylbenzene Sulfonate	< 4	1,000
Sodium Hydroxide	< 1	1,000

CERCLA RQ: None

## EPA

EPA RQ INGREDIENT: None

## TSCA (TOXIC SUBSTANCE CONTROL ACT)

Chemical Name	CAS
D-limonene	5989-27-5
Sodium Dodecylbenzene Sulfonate	25155-30-0
Sodium Xylenesulfonate	1300-72-7
Linear Primary Alcohol Ethoxylate	68439-46-3
Sodium Hydroxide	1310-73-2
Triphosphoric Acid, Pentapotassium Salt	13845-36-8

CARCINOGEN: None

## 16. OTHER INFORMATION

APPROVED BY: Brian Rencher TITLE: President

PREPARED BY: Brian Rencher Date Revised: 05/20/2021

INFORMATION CONTACT: 208-375-7200

REVISION SUMMARY: This SDS replaces the 06/16/2016 SDS.

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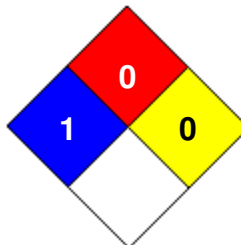


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## HMIS RATING

HEALTH	<input type="checkbox"/>	1
FLAMMABILITY		0
PHYSICAL HAZARD		0
PERSONAL PROTECTION		B

## NFPA CODES



**MANUFACTURER DISCLAIMER:** This SDS is written with the best of our chemical knowledge and with common sense and in every day terms. If you do not understand a term or phrase please ask a supervisor.