

SAFETY DATA SHEET

Date Prepared : 12/02/2015

SDS No : Orange 162

1. PRODUCT AND COMPANY IDENTIFICATION

GENERAL USE: 208-375-7200
PRODUCT DESCRIPTION: Citrus Solvent degreaser
PRODUCT CODE: Orange 162
CHEMICAL FAMILY: Citrus Blend
GENERIC NAME: Orange 162

MANUFACTURER

Technichem Corp
1 N Maple Grove Road
Boise, ID 83704

Emergency Contact: Brian Rencher

Emergency Phone: 208-375-7200

Customer Service: 208-375-7200

Transportation: 1-800-633-8253 PERS

24 HR. EMERGENCY TELEPHONE NUMBERS

PERS 1-800-633-8253 contract # 8575

2. HAZARDS IDENTIFICATION

GHS LABEL



Flame

SIGNAL WORD: WARNING

HAZARD STATEMENTS

H320: Causes eye irritation.

H316: Causes mild skin irritation.

H227: Combustible liquid.

PRECAUTIONARY STATEMENTS

General:

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P273: Avoid release to the environment.

P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Water white liquid

IMMEDIATE CONCERNS: Combustible.

POTENTIAL HEALTH EFFECTS

EYES: Irritating, and may injure eye tissue if not removed promptly.

SKIN: Causes skin irritation. Allergic reactions are possible.

SKIN ABSORPTION: A single, prolonged exposure is not likely to result in the material being absorbed through skin in harmful amount.

INGESTION: Do Not Induce vomiting, Drink plenty of water, Consult a physician.

INHALATION: High concentrations may lead to central nervous system effects (drowsiness, dizziness, nausea, headaches, paralysis and loss of consciousness).

REPRODUCTIVE TOXICITY

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REPRODUCTIVE EFFECTS: None Expected.**TERATOGENIC EFFECTS:** None Expected.**CARCINOGENICITY:** None Expected.**MUTAGENICITY:** None Expected.**MEDICAL CONDITIONS AGGRAVATED:** None known.**3. COMPOSITION / INFORMATION ON INGREDIENTS**

Chemical Name	Wt.%	CAS
D-limonene	< 75	5989-27-5
2- Butoxyethanol	< 30	111-76-2

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:** Contact causes skin irritation.**SKIN ABSORPTION:** None Expected.**5. FIRE FIGHTING MEASURES****FLAMMABLE CLASS:** None**FLAME PROPAGATION OR BURNING RATE OF SOLIDS:** Not Established**EXTINGUISHING MEDIA:** Use alcohol foam, carbon dioxide, or water spray when fighting fires involving this material.**HAZARDOUS COMBUSTION PRODUCTS:** None Expected.**EXPLOSION HAZARDS:** None Expected.**FIRE FIGHTING PROCEDURES:** As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.**FIRE EXPLOSION:** None Expected.**HAZARDOUS DECOMPOSITION PRODUCTS:** None Expected.**6. ACCIDENTAL RELEASE MEASURES****SMALL SPILL:** Mop up with water and rinse**LARGE SPILL:** This material is a water pollutant and should be prevented from contaminating soil or from entering sewage and drainage systems and bodies of water.**ENVIRONMENTAL PRECAUTIONS****WATER SPILL:** Avoid runoff into storm sewers and ditches which lead to waterways.**GENERAL PROCEDURES:** Clean up spills immediately, observing precautions in Protective Equipment section.**7. HANDLING AND STORAGE**

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GENERAL PROCEDURES: Avoid prolonged or repeated contact with skin.

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

STORAGE: Keep container closed to prevent drying out.

STORAGE TEMPERATURE: NA = Not Applicable

LOADING TEMPERATURE: NA = Not Applicable

ELECTROSTATIC ACCUMULATION HAZARD: None Expected.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES

OSHA HAZARDOUS COMPONENTS (29 CFR1910.1200)							
		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
Chemical Name		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
2- Butoxyethanol	TWA	50	240	20	97	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.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: citrus / orange

ODOR THRESHOLD: None known.

APPEARANCE: Water white liquid

pH: NA = Not Applicable

PERCENT VOLATILE: 100%

FLASH POINT AND METHOD: 162 F

FLAMMABLE LIMITS: 0 to 0

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

THERMAL DECOMPOSITION: Not Available

SPECIFIC GRAVITY: 1

(VOC): 25.000 to 100

10. STABILITY AND REACTIVITY

REACTIVITY: None

HAZARDOUS POLYMERIZATION: None known.

CONDITIONS TO AVOID: Oxidizing materials.

HAZARDOUS DECOMPOSITION PRODUCTS: None Expected.

INCOMPATIBLE MATERIALS: Some plastics and paints - test 1st

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11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Causes serious eye irritation.

SKIN EFFECTS: Causes skin irritation.

CARCINOGENICITY

OSHA: None

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: No data available. Contact Env. Dept.

ECOTOXICOLOGICAL INFORMATION: None known.

BIOACCUMULATION/ACCUMULATION: None known.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Avoid runoff into storm sewers and ditches which lead to waterways.

PRODUCT DISPOSAL: Disposal should be in accordance with regulations

EMPTY CONTAINER: recycle container

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: Liquid Cleaning Compound

TECHNICAL NAME: Liquid Cleaning Compound

PRIMARY HAZARD CLASS/DIVISION: NA = Not Applicable

U.S. SURFACE FREIGHT CLASS: 55

PLACARDS: None

LABEL: None

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

CERCLA RQ: None

EPA

EPA RQ INGREDIENT: None

EPA RQ PRODUCT: None

TSCA (TOXIC SUBSTANCE CONTROL ACT)

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2- Butoxyethanol	111-76-2

CLEAN AIR ACT

40 CFR PART 68---RISK MANAGEMENT FOR CHEMICAL ACCIDENT RELEASE PREVENTION: None

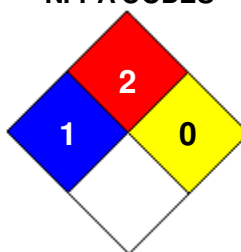
16. OTHER INFORMATION

APPROVED BY: Brian Rencher **TITLE:** President
PREPARED BY: Brian Rencher **Date Prepared:** 12/02/2015
INFORMATION CONTACT: 208-375-7200

HMIS RATING

HEALTH	1
FLAMMABILITY	2
PHYSICAL HAZARD	1
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 or Technichem - Boise Idaho 208-375-7200