

Twin Pro Industrial

Safety Data Sheet

1.) IDENTIFICATION:

Product Name: TWP802 Citro Pro
Other Means of Identification: Citro Pro
Product use and restrictions on use: Industrial Cleaner & Degreaser
Initial Supplier Identifier: Twin Industrial Holdings Ltd.
O/A Twin Pro Industrial
3203 Giffen Road North
Lethbridge, AB
T1H 0E8
403-329-4878
Prepared by: Twin Pro Industrial
Emergency Phone: CANUTEC at 1-613-996-6666

2.) HAZARD IDENTIFICATION

GHS Classification

Eye damage/irritation Category 2A

Signal Word

Warning

Hazard Statements

H319 – Causes serious eye irritation

Pictograms



Precautionary Statements

P280 - Wear eye protection/face protection

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

3.) COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	Cas Number	Weight	Unique Identifiers
Disodium Metasilicate	6834-92-0	2 – 10 %	None known
Ethylene glycol monobutyl ether	111-76-2	2 – 10%	2-butoxy ethanol

4.) FIRST AID MEASURES

Inhalation: If symptoms are experienced, remove victim to fresh air. If unconscious place in recovery position and seek medical advice. If symptoms persist, call a physician

Skin Contact: Remove contaminated clothing. Wash affected area with soap and water. Seek medical attention if irritation occurs or persists.

Eye Contact: Flush immediately with water for at least 30 minutes. Forcibly hold eyelids apart to ensure complete irrigation of eye tissue. Seek immediate medical attention.

Ingestion: Do not induce vomiting without medical advice. If conscious, washout mouth and give water to drink. If symptoms develop, seek medical advice. Do not give milk or alcoholic beverages.

Additional Information	Based on the individual reactions of the patient, the physician's judgment should be used to control symptoms and clinical condition. Do not leave victim unattended.
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5.) FIRE – FIGHTING MEASURES

Suitable Extinguishing Media:	Use extinguishing media for surrounding fire.
Unsuitable Extinguishing media:	Not Available
Specific Hazards Arising From The Chemical	May liberate carbon monoxide, carbon dioxide and oxides of sodium
Special Protective Equipment And precautions for Fire-Fighters	Fire Fighters should wear full protective clothing, including self-contained breathing equipment suitable for surrounding fire.

6.) ACCIDENTAL RELEASE MEASURES

Personal Precautions/ Protective Equipment/ Emergency Procedures:	Wear appropriate protective equipment
Environmental precautions:	Prevent further leakage or spillage if safe to do so.
Methods and Materials: For Containment and Cleaning up:	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations. Spilled material may cause a slipping hazard.

7.) HANDLING AND STORAGE

Precautions for Safe Handling:	Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. Do not ingest.
Conditions for Safe Storage:	Keep out of reach of children. Keep containers tightly closed and store in a cool, dry, well ventilated area.

8.) EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

Component	Regulation	Type of Listing	Value
Ethylene glycol monobutyl ether	ACGIH	TWA	20 ppm
Disodium Metasilicate	Not Available		

Engineering Controls

Ventilation Requirements:	Provide exhaust ventilation to keep airborne levels below recommended exposure limits
Other:	Emergency eyewash should be available and tested in accordance with regulations and be in close proximity.

Protective Equipment:

Eye/Face:	Wear eye/face protection. Safety goggles or a full face shield if splashing hazard exists
Hand Protection:	Wear protective gloves in accordance with workplace requirements
Skin and Body Protection:	Wear protective clothing in accordance with workplace requirements.
Respiratory Protection	If exposure exceeds occupational exposure limits, use an appropriate NIOSH approved respirator.
Thermal Hazards:	Not Available

9.) PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Physical state:	Liquid
Color	Yellow
Odor	pungent odor
Odor Threshold	Not Available

Property

pH	11
Melting Point/Freezing Point	Not Available
Initial Boiling Point/Boiling Range	Not Available
Flash Point	Non- Flammable
Upper Flammable Limit	Not Applicable
Lower Flammable Limit	Not Applicable
Vapor Pressure(mm Hg, 20°C)	Not Available
Vapor Density(Air=1)	Not Available
Relative Density (specific gravity)	1.044
Solubility(ies)	Completely soluble
Partition Coefficient: n-octanol/water	Not Available
Auto-ignition Temperature	Not Applicable
Decomposition Temperature	Not Available
Viscosity	Not Available

10.) STABILITY AND REACTIVITY

Reactivity:	No dangerous reaction known under conditions of normal use.
Stability:	Stable
Possibility of Hazardous Reactions:	Not Available
Conditions to Avoid:	Not Available
Incompatible Materials:	Oxidizers / Acids
Hazardous Decomposition Products:	Not Available

11.) TOXICOLOGICAL PROPERTIES

Acute Toxicity

<u>Chemical Name</u>	<u>Oral LD₅₀</u>	<u>Dermal LD₅₀</u>	<u>Inhalation LC₅₀</u>
Ethylene glycol monobutyl ether	745 mg/kg (rat)	Not Available	Not Available
Disodium Metasilicate	1153 mg/kg (rat)	Not Available	Not Available

Skin corrosion/irritation:	Solvents may degrease the skin
Serious eye damage/eye irritation:	Causes serious eye irritation.
Sensitization of Product:	Not Available
Carcinogenicity:	Not Available
Reproductive Toxicity:	Not Available
Teratogenicity:	Not Available
Mutagenicity:	Not Available
STOT – Single Exposure:	Not Available
STOT – Repeated Exposure:	Not Available
Aspiration Hazard:	Not Available
Synergistic Products:	Not Available

12.) ECOLOGICAL INFORMATION

Ecotoxicity

<u>Component</u>	<u>Toxicity to Algae</u>	<u>Toxicity to Fish</u>	<u>Toxicity to Daphnia and Other Aquatic Invertebrates</u>
Ethylene glycol monobutyl ether	Not Available	Not Available	Not Available
Disodium Metasilicate	Not Available	Brachydanio rerio 96 hr; 210 mg/l	Daphnia magna; 48 hr; 1700 mg/l

Biodegradability	Not Available
Bio accumulation	Not Available
Mobility	Not Available
Other Adverse Effects	Not Available

13.) DISPOSAL CONSIDERATIONS

Waste from Residues/ Unused Products:	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.
Contaminated Packaging:	Dispose in accordance with all federal, provincial, and/or local regulations including the Canadian Environmental Protection Act.

14.) TRANSPORT INFORMATION

UN:	Not Regulated
UN Proper Shipping Name:	Not Regulated
Transportation Hazard Class:	Not Regulated
Packing Group:	Not Regulated
Environmental Hazards:	Not Available
Special Precautions:	Not Available
Transport In Bulk	Not Available
TDG	
Other:	Secure containers (full and/or empty) with suitable hold down devices during shipment and ensure all caps, valves, or closures are secured in the closed position.

15.) REGULATORY INFORMATION

Note: The product listed on this SDS has been classified in accordance with the hazard criteria of the controlled products regulations. This SDS contains all the information required by those regulations.

16.) PREPARATION AND OTHER INFORMATION

Preparation Date:	Feb 2, 2017
Revised Date:	Feb 2, 2017

**USE THIS NUMBER IN CASE OF DANGEROUS GOODS EMERGENCY:
CANUTEC (613) 996-6666**

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations.

Attention: Receiver of the chemical goods / SDS coordinator

Twin Industrial Holdings Ltd. and its associated companies require, as a condition of sale, that you forward the attached Safety Data Sheet(s) to all affected employees, customers, and end-users.