

X4Bio Rim cleaner

Section 1. Chemical product and company identifications

Common name: X4Bio Rim cleaner

Chemical formula: Not applicable

Chemical family: Aqueous liquid

CAS: Mixture

Material uses: Cleaning automotive rims

Synonyms: Pre-adhesive cleaner, Rim cleaner

Supplier / Manufacturer:

Plombco Inc.
66, Edmond street
Salaberry-de-Valleyfield, Quebec J6S 3E8
Phone: 450-371-8800
Toll free : 800-611-7074
Fax : 450-371-0812

In case of emergency: 450-371-8800

Section 2. Hazards identifications

Physical state: Liquid

Warning: Combustible liquid. Irritant and hazardous by aspiration.

Routes of entry: Eyes, skin, inhalation and aspiration.

Potential acute effects

- **Eyes :** May cause irritation
- **Skin :** Prolonged or repeated contact may result in irritation
- **Inhalation:** In case of inhalation, may cause breathing difficulties or allergic reaction like symptoms.
- **Ingestion :** May cause gastrointestinal disturbances such as irritation, nausea, diarrhea and vomiting.

Potential chronic effects

- **Carcinogenic effects:** Not classified as a human carcinogen
- **Mutagenic effects:** No data available
- **Teratogenic effects:** No data available

Section 3. Composition and information on ingredients

<u>Name</u>	<u>CAS</u>	<u>Concentration %</u>
2-Butoxyethanol	111-76-2	5% to 15%
2-Propanol	67-63-0	1% to 10%

Section 4. First aid measures

Eye contact: Rinse eye with plenty of water, if safe to do so, remove contact lens and continue rinsing until all residues are gone.

Skin contact: Remove contaminated clothing. Wash affected area with soap and water.

Inhalation: Remove victim to fresh air, seek medical assistance if irritation symptoms occur.

Ingestion: If victim is conscious, rinse mouth with water, drink several glasses of water and induce vomiting under professional medical guidance. If unconscious, perform CPR with a pocket mask. Obtain medical help immediately.

Section 5. Fire fighting measures

Flammability of the product: Combustible

Lower limit of explosivity: Not applicable

Upper limit of explosivity: Not applicable

Auto-ignition temperature: Not applicable

Flash point: $\geq 160^{\circ}\text{F}$ (71.11°C)

Products of combustion: Not available

Particular fire hazards: Keep away from extreme heat, sparks and flames.

Fire fighting media and instructions: CO₂, water fog, dry chemical and alcohol resistant foam.

Notice: Wear appropriate protective equipment when fighting fire.

Section 6. Accidental release measures

Personal precautions: Wear appropriate personal protection equipment.

Environmental precautions: Prevent contamination of sewers, and waterways. In case of contamination, notify concerned authorities immediately.

Methods for cleaning up: Absorb liquid with an inert absorbent material. Sweep up and put in a sealable container for disposal.

Section 7. Handling and storage

Handling: Wear appropriate personal protective equipment according to task. Remove and clean any contaminated clothing before re-use. Heavily contaminated shoes must be disposed of.

Storage: Store product in a cool, dry and well ventilated area.

Section 8. Exposure Controls, Personal Protections

Engineering controls: Ensure adequate ventilation, especially in confined areas.

Eyes: Splash proof goggles.

Respiratory: Wear appropriate respiratory protection according to exposure levels.

Hands: Wear chemical resistant gloves.

Skin/body: Wear long sleeves, pants and closed footwear.

Section 9. Physical and chemical properties

Physical status: Liquid

Color: White

Odour: Bland

Threshold odour: Not available

Density: Not available

Freezing point: Not available

Melting point: Not applicable

Boiling point: $\geq 150^{\circ}\text{F}$ (65.55°C)

Vapour tension: Not available

Density of vapour: Not available

Coefficient of division (water/oil): Not available

Solubility in water with saturation: Complete

Rate of evaporation: Not available

Granulometry: Not available

pH: 7.5 ± 0.5

Section 10. Stability and reactivity

Stability and reactivity: Stable in normal conditions

Incompatibility: Strong acids, strong oxidizing agents, chlorine, acetaldehyde, ethylene oxide, isocyanides and peroxides.

Decomposition products: Various Carbon oxides

Reactivity conditions: Extreme heat and sparks

Section 11. Toxicological information

Information on ingredients:

<u>Name</u>	<u>CAS</u>	<u>LD₅₀</u>	<u>LC₅₀</u>
2-Butoxyethanol	111-76-2	Rat (Oral) 880mg/kg Rabbit (Dermal) 1,060 mg/kg Rat (Intraperitoneal) 220 mg/kg Rat (Intravenous) 307 mg/kg	Not available
2-Propanol	67-63-0	Rat (Oral) 5,045 mg/kg Rabbit (Dermal) 12, 800 mg/kg Rat (Inhalation) 16000 ppm 8H	

Routes of entry: Eyes, skin, inhalation and aspiration.

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Section 12. Ecological information

Ecological data:

<u>Name</u>	<u>Results</u>	<u>Species</u>	<u>Period</u>
2-Butoxyethanol	LC ₅₀ 1,474 mg/l	Oncorhynchus mykiss	96h
	LC ₅₀ 1,550 mg/l	Daphnia magna	48h
	EC ₅₀ 1,840 mg/l	Pseudokirchneriella subcapitata	72h
2-Propanol	LC ₅₀ 9,640 mg/l	Pimephales promelas	96h
	EC ₅₀ 5,102 mg/l	Daphnia Magna	24h
	EC ₅₀ 2,000 mg/l	Desmodesmus subspicatus	72h
	EC ₅₀ 1,000 mg/l	Algae	24h

Effects on environment: No data available

Various harmful effects: No data available

Environmental precautions: No data available

Breakdown products: No data available

Toxicity of the biological breakdown products: No data available

Section 13. Disposal considerations

Waste disposal: Dispose of the chemical waste is in conformity with the federal, provincial and local laws. Store the residues of the product in safe containers. Place the containers in storage area of dangerous chemical waste. See the internal dangerous chemical waste management procedures.

Section 14. Transportation information

Classification DOT/ IMDG/IATA label: Not regulated

DOT (Shipping name): Not applicable

UN number: Not applicable

Class: Not applicable

Packaging group: Not applicable

Additional information: Not applicable

Section 15. Regulatory information

GHS (Globally Harmonized System of Classification and Labelling of Chemicals):



Flammable liquid (Category 4)



Aspiration toxicity (Category 1)



Eyes irritation (Category 2)
Skin irritation (Category 2)

Signal word: Warning

Hazard statements

H227: Combustible liquid

H304: May be fatal if swallowed and enters airways

H315: Causes skin irritation

H320: Causes eye irritation

Precautionary statements

P101: If medical advice is needed, have product container or label at hand

P102: Keep out of reach of children

P202: Do not handle until all safety precautions have been read and understood

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking

P280: Wear protective gloves/protective clothing/eye protection/face protection

P301+P310: IF SWALLOWED: Immediately call a POISON CENTRE/doctor

P308+P313: IF exposed or concerned: Get medical advice/attention

P331: Do NOT induce vomiting

P307+P378: In case of fire: See section 5 for extinguishing media

UNITED STATES: NFPA classification



Health: 1
Flammable: 1
Reactivity: 0
Specials conditions: None

Legend: 4: Severe, 3: High, 2: Moderate, 1: Slightly, 0: Not hazardous

U.S. Federal regulations:

TSCA 8(b) inventory: Not listed

SARA 302/304/311/312 extremely hazardous substances: Not listed

SARA 302/304 emergency planning and notification: Not listed

SARA 302/304/311/312 hazardous chemicals: Not listed

SARA 311/312 MSDS distribution - chemical inventory - hazard identification: Not listed

CWA (Clean Water Act) 307: Not listed

CWA (Clean Water Act) 311: Not listed

CAA (Clean Air Act) 112 accidental release prevention: Not listed

CAA (Clean Air Act) 112 regulated flammable substances: Not listed

CAA (Clean Air Act) 112 regulated toxic substances: Not listed

State regulations:

DEA List I Chemicals (Precursor Chemicals): Not listed

DEA List II Chemicals (Essential Chemicals): Not listed

Substances in Massachusetts: Not listed

Dangerous substances in New Jersey: Not listed

New York – Dangerous substances with acute effects: Not listed

Dangerous substances in Pennsylvania – right to know: Not listed

CANADA:

WHMIS (Canada):



D2B – Toxic Material Causing Other Toxic Effects



B3 – Combustible liquid

Section 16. Additional information

References:

- ANSI Z400.1, MSDS Standard, 2001.
- Manufacturer's Material Safety Data Sheet.
- 29CFR Part1910.1200 OSHA MSDS Requirements.
- 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. -Canada
- Gazette Part II, Vol. 122, No. 2 Registration SOR/88-64 31 December, 1987 Hazardous Products Act "Ingredient Disclosure List".
- Federal act on the controlled products
- Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2002.
- Toxicological repertory, HSC.
- Material safety data sheet from the components.

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