

Wheel Weight Prep Wheel Cleaner

Section 1. Chemical product and company identifications

Product identifier:

Other means of identification: Alcohol-based liquid rim cleaner.

CAS: Mixture

Recommended uses: Cleaning automotive rims

Supplier / Manufacturer:

Rock Solid Equipment
32 Rayborn Crescent
St. Albert, AB, T8N-4B1
Toll Free: 1-888-458-8055
Fax: 1-780-458-8055

In case of emergency: 1-888-458-8055

Section 2. Hazards identifications

Classification of the mixture:

Flammable liquid, Category 2

Acute toxicity, Oral, Category 4

Acute toxicity, Inhalation, Category 4

Eye irritation, Category 2A

Specific target organ toxicity, Single exposure, Central nervous system, Category 3

Pictograms:



Signal word: Danger

Hazard statements:

H225: Highly flammable liquid and vapour
H302: Harmful if swallowed
H332: Harmful if inhaled
H319: Causes serious eye irritation
H335: May cause respiratory irritation
H336: May cause drowsiness or dizziness

Precautionary statements:

P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking
P233: Keep container tightly closed
P240: Ground/bond container and receiving equipment
P241: Use explosion-proof electrical/ventilating/light/.../equipment
P242: Use only non-sparking tools
P243: Take precautionary measures against static discharge
P261: Avoid breathing dust/fume/gas/mist/vapours/spray
P264: Wash hands thoroughly after handling
P270: Do not eat, drink or smoke when using this product
P271: Use only outdoors or in a well-ventilated area
P280: Wear protective gloves/protective clothing/eye protection/face protection
P312: Call a doctor if you feel unwell
P303+P361+P353: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water (or shower)
P304+P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.
P330: Rinse mouth
P337+P313: If eye irritation persists: Get medical attention
P370+P378: In case of fire: Use dry chemical or alcohol-resistant foam to extinguish

P403+P235: Store in a well ventilated place. Keep cool

P405: Store locked up

P501: Dispose of contents/container to authorised waste facility according to regional regulations

Section 3. Composition and information on ingredients

<u>Name</u>	<u>CAS</u>	<u>Concentration %</u>
Isopropyl Alcohol	67-63-0	45% to 55%
Methoxy-2-Propanol	107-98-2	10% to 15%

Section 4. First aid measures

Ingestion:

Description of necessary First-aid measures:

Eyes: Immediately flush eyes with plenty of water. Check for contact lenses; carefully remove them if you can.

Skin: Rinse skin with plenty of water and wash exposed areas with soft soap and water.

Inhalation: In case of breathing difficulty following exposure to product, move the victim to fresh air. If the victim ceased breathing, trained personnel should administer oxygen. Seek medical attention immediately.

Ingestion: If victim is conscious, rinse mouth with water and drink small amounts of water. Do not induce vomiting. If unconscious, do not give anything orally. Obtain medical help immediately.

Most important symptoms/ effects, acute and delayed:

Serious eye irritation. May cause respiratory tract irritation, dizziness or drowsiness. Damageable to target organs. May be harmful if swallowed.

Indication of immediate medical attention and special treatment needed, if necessary:

Get medical attention in case of eye irritation symptoms or ingestion. Provide treatments according to symptoms. In case of inhalation symptoms, monitor for respiratory complications.

Section 5. Fire fighting measures

Suitable extinguishing media

Use dry chemical powder, alcohol resistant mousse, carbon dioxide or water. Otherwise, use fire fighting methods and materials that are appropriate for surrounding fire.

Specific hazard arising from the chemical

Vapours may travel and be ignited by distant ignition sources.

Special protective actions for fire-fighters

Fire fighters should wear NIOSH approved, positive pressure, self-contained breathing apparatus and full protective clothing when appropriate.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

For non emergency personnel: Evacuate area.

For emergency personnel: Eliminate all ignition sources. Isolate spill and stop leak where safe. Wear appropriate protective equipment as well as respirator based on the extent of the spill and the air concentration levels.

Environmental precautions:

Do not let into sewers or waterways. Prevent contact with soil. Contact local authorities in case of pollution.

Methods and material for containment and cleaning up:

Try to work upwind of spill. Avoid direct contact with material. Do not walk through spilled material. Ensure adequate ventilation. Saturated clothing should be immediately removed to avoid flammability hazard. Use water fog to knock down vapours; contain runoff. Collect with non-combustible absorbent and put into suitable containers. Flush area with water to remove trace residue.

Section 7. Handling and storage

Precaution for safe handling:

Ensure adequate ventilation. Wear all appropriate protective equipment. Do not breathe vapours and avoid prolonged or repeated contact with eyes, skin and clothing. Keep out of reach of children. Launder contaminated clothing prior to reuse. Air-dry contaminated clothing in a well-ventilated area before laundering. Practice safe occupational hygiene measures. Keep away from ignition sources and oxidizing materials. Avoid splashing.

Conditions for safe storage:

Store in a cool, dry, well ventilated area, away from heat, ignition sources, incompatible materials and sunlight. Containers of this material may be hazardous when empty since they retain product residues (vapours, liquid). Keep container tightly closed.

Section 8. Exposure Controls, Personal Protections

Control parameters:

Isopropyl alcohol (67-63-0)

OEL: TWAEV 200 ppm

LEP: STEL: 400 ppm

Methoxy-2-propanol (107-98-2)

OEL: TWAEV 100 ppm

OEL: STEV 150 ppm

Appropriate engineering controls:

Use with adequate ventilation to meet the limits listed above. Ensure local exhaust to eliminate vapours.

Individual protection measures:

Eyes/Face protection: Safety glasses with side shields or face shield.

Skin protection: Wear chemical resistant gloves, long sleeves and pants.

Respiratory protection: Select appropriate respiratory protection according to exposure levels and duration.

Section 9. Physical and chemical properties

Physical status: Liquid

Color: Clear

Odour: Alcohol

Melting point/Freezing point: -26°C

Boiling point: 82°C

Flammability: Product is flammable

Lower and upper explosion limits: Data not available

Flash point: 21°C Closed cup method

Auto-ignition temperature: Data not available

Decomposition temperature: Data not available

pH: Data not available

Kinematic viscosity: Data not available

Solubility: Easily soluble

Partition in coefficient n-octanol/water: Data not available

Vapour pressure: Data not available

Density: 0.95

Relative vapour density: Data not available

Particle characteristics: Data not available

Section 10. Stability and reactivity

Chemical stability: Stable under normal conditions

Possibility of hazardous reactions: Product is not reactive under normal conditions

Conditions to avoid: Must be kept away from all ignition sources, direct sunlight and oxidizing materials. Ensure adequate ventilation.

Incompatible materials: Oxidizers, oxidizing agents and acids

Hazardous decomposition products: Carbon oxides and peroxides

Section 11. Toxicological information

Information on ingredients:

Acute toxicity

2-Propanol	67-63-0	LD ₅₀ Rat (Oral) 5,045 mg/kg LD ₅₀ Rabbit (Dermal) 12, 800 mg/kg LD ₅₀ Rat (Inhalation) 16000 ppm 8H
Methoxy-2-propanol	107-98-2	LD ₅₀ Mouse (Oral) 11700 mg/kg LC ₅₀ Rat (Inhalation) 10000 ppm 5H LD ₅₀ Rabbit (Dermal) 13 000 mg/kg

Skin corrosion/irritation

2-Propanol: Skin – Rabbit – Mild skin irritation

Serious eye damage/irritation

Eye – Rabbit –Mild eye irritation – 24H

Respiratory or skin sensitisation

Data not available

Gem cell mutagenicity

Data not available

Carcinogenicity

Not classified as a human carcinogen

Reproductive toxicity

Data not available

STOT- Single exposure

Drowsiness or dizziness

STOT- repeated exposure

No data available

Aspiration hazard

No data available

Information on likely route of exposure:

Inhalation, ingestions, eyes and skin

Section 12. Ecological information

Ecological data:

<u>Name</u>	<u>Results</u>	<u>Species</u>	<u>Period</u>
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	Algea	24h

Persistence and degradability

Data not available

Bioaccumulative potential

Not expected

Mobility in soil

No data available

PBT and vPvB assessment

No data available

Other adverse effects

Toxic to aquatic life.

Section 13. Disposal considerations

Disposal methods

Offer surplus to a licensed disposal company in accordance to regional regulations.

Section 14. Transportation information

DOT

UN number: UN1219 **Class:** 3 **Packing group:** II
Proper shipping name: Isopropyl alcohol
Reportable quantity: 5L
Marine pollutant: No
Poison inhalation hazard: No

IMDG

UN number: UN1219 **Class:** 3 **Packing group:** II **EMS-No:** F-E, S-D
Proper shipping name: Isopropyl alcohol
Marine pollutant: No

IATA:

UN number: UN1219 **Class:** 3 **Packing group:** II
Proper shipping name: Isopropyl alcohol

Section 15. Regulatory information

UNITED STATES: NFPA classification



Health: 3
Flammable: 2
Reactivity: 0
Specials conditions: None

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

CANADA:

WHMIS (Canada):



D2B – Toxic Material Causing Other Toxic Effects



B2 – Flammable 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 date sheet from the components.

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