

SECTION 1: Identification

1.1. Product identifier

Product Name : OTR Tire Mounting Compound
Product Code : 725OTR
Synonyms : Mounting Lubricant

1.2. Recommended use and restrictions on use

Recommended use : Tire Mounting / Demounting Lubricant. For professional use only.

1.3. Supplier

Natco Manufacturing Ltd.
 1456 Church Avenue
 Winnipeg, Manitoba
 R2X 1G4
 Ph: (204) 633-5432
 Fax: (204) 694-3320

1.4. Emergency telephone number

Emergency number : Chemtel: (800) 255-3924

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

Classification (GHS CA)

Skin Irritant : Category 2
 Eye Irritant : Category 2B

2.2. GHS Label elements, including precautionary statements

GHS-CA labelling

Hazard pictograms (GHS-CA) :  GHS07

Signal word (GHS-) : **Warning**
 Hazard statements (GHS-CA) : H315 - Causes skin irritation.
 : H320 - Causes eye irritation.

Precautionary Statements (GHS-CA) : P264 - Wash hands, forearms, and other exposed areas thoroughly after handling.
 : P280 - Wear protective gloves, protective clothing, eye protection, face protection.
 : P302 + P352 - If on skin: Wash with plenty of water.
 : P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
 : P321 - Specific treatment (see section 4).
 : P332 + P313 - If skin irritation occurs: Get medical advice/attention.
 : P337 + P313 - If eye irritation persists: Get medical advice/attention.
 : P362 - Take off contaminated clothing and wash before reuse.

2.3. Other hazards which do not result in classification

Other hazards not contributing to the classification : Exposure may aggravate those with pre-existing eye, skin, or respiratory conditions. When heated to decomposition, emits toxic fumes.

2.4. Unknown acute toxicity (GHS CA)

Not data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Substance type : Not applicable

Name	Product identifier	%	GHS-CA classification
Water	(CAS-No.) 7732-18-5	55-67.5%	Not classified
Fats and Glyceridic oils, vegetable, yellow grease	(CAS No.) 68475-81-0	0 - 35%	Not classified
Oils, Vegetable reclaimed	(CAS No) 68990-65-8	0 - 35%	Not classified
Potassium hydroxide	(CAS No) 1310-58-3	5 - 12.5%	Met. Corr. 1, H290; Acute Tox. 3 (Oral), H301; Skin Corr. 1A, H314; Eye Dam. 1, H318
Tetrasodium EDTA	(CAS No) 64-02-8	> 0.005%	Comb. Dust, H232; Acute Tox. 4 (Oral), H302; Acute Tox. 4 (Inhalation:dust,mist), H332; Eye Dam. 1, H318; Aquatic Acute 2, H401

Full text of hazard classes and H-statements : see section 16

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SECTION 4: First-aid measures

4.1. Description of first aid measures

General	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
Inhalation	: When symptoms occur: go into open air and ventilate suspected area. Remove to fresh air and keep at rest in a position comfortable for breathing. Obtain medical attention if breathing difficulty persists.
Skin Contact	: Remove contaminated clothing. Drench affected area with water for at least 15 minutes. Obtain medical attention if irritation persists. Wash contaminated clothing before reuse.
Eye Contact	: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
Ingestion	: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2. Most important symptoms and effects (acute and delayed)

General	: Causes eye irritation. Causes skin irritation.
Inhalation	: Inhalation of large amounts may cause respiratory irritation.
Skin Contact	: Causes skin irritation.
Eye Contact	: Causes eye irritation.
Ingestion	: Ingestion is likely to be harmful or have adverse effects.
Chronic Symptoms	: Not available

4.3. Immediate medical attention and special treatment, if necessary

: If exposed or concerned, get medical advice and attention.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Use extinguishing media appropriate for surrounding fire.
Unsuitable extinguishing media	: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Specific hazards arising from the chemical

Fire hazard	: Not considered flammable but may burn at high temperatures.
Explosion hazard	: Product is not explosive.
Reactivity	: When heated to decomposition, emits toxic fumes. Corrosive vapors.

5.3. Special protective equipment and precautions for fire-fighters

Precautionary Measures Fire	: Exercise caution when fighting any chemical fire.
Firefighting Instructions	: Use water spray or fog for cooling exposed containers.
Protection During Firefighting	: Do not enter fire area without proper protective equipment, including respiratory.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Protective equipment	: Use appropriate personal protection equipment (PPE). EG. gloves, protective goggle, head / neck protection, protective clothing.
Emergency procedures	: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment	: Equip cleanup crew with proper protection.
Emergency procedures	: Ventilate area.

6.2. Environmental precautions

Environmental precautions	: Prevent entry to sewers and public waters. Avoid release to the environment.
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6.3. Methods and material for containment and cleaning up

For containment	: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up	: Clear up spills immediately and dispose of waste safely. Absorb and/or contain spill with inert material, then place in suitable container. Contact competent authorities after a spill.

6.3. Reference to other sections

See other sections	: Section 8, Exposure Controls and Personal Protection
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SECTION 7: Handling and storage

7.1. Precautions for safe handling

- Additional Hazards When Processed : When heated to decomposition, emits toxic fumes, corrosive vapors.
- Hygiene Measures : Handle in accordance with good industrial hygiene and safety procedures. Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and again when leaving work. Do not eat, drink or smoke when using this product. Wash hands and forearms thoroughly after handling.

7.2. Conditions for safe storage, including any incompatibilities

- Technical Measures : Comply with applicable regulations.
- Storage Conditions : Store in a dry, cool and well-ventilated place. Keep container closed when not in use. Keep/Store away from extremely high or low temperatures, direct sunlight, heat, ignition sources, incompatible materials.
- Incompatible Materials : Strong acids. Strong bases. Strong oxidizers.

7.3. Specific end user(s)

- Mounting and Dismounting Tires : For professional use only.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters

Potassium hydroxide (1310-58-3)		
USA ACGIH	ACGIH Ceiling (mg/m ³)	2 mg/m ³
USA NIOSH	NIOSH REL (ceiling) (mg/m ³)	2 mg/m ³
Alberta	OEL Ceiling (mg/m ³)	2 mg/m ³
British Columbia	OEL Ceiling (mg/m ³)	2 mg/m ³
Manitoba	OEL Ceiling (mg/m ³)	2 mg/m ³
New Brunswick	OEL Ceiling (mg/m ³)	2 mg/m ³
Newfoundland & Labrador	OEL Ceiling (mg/m ³)	2 mg/m ³
Nova Scotia	OEL Ceiling (mg/m ³)	2 mg/m ³
Nunavut	OEL Ceiling (mg/m ³)	2 mg/m ³
Northwest Territories	OEL Ceiling (mg/m ³)	2 mg/m ³
Ontario	OEL Ceiling (mg/m ³)	2 mg/m ³
Prince Edward Island	OEL Ceiling (mg/m ³)	2 mg/m ³
Québec	PLAFOND (mg/m ³)	2 mg/m ³
Saskatchewan	OEL Ceiling (mg/m ³)	2 mg/m ³
Yukon	OEL Ceiling (mg/m ³)	2 mg/m ³

8.2. Appropriate engineering controls

- Appropriate Engineering Controls : Emergency eye wash fountains and safety showers should be available in the immediate vicinity of any potential exposure. Ensure all national/local regulations are observed. Ensure adequate ventilation, especially in confined areas.

8.3. Individual protection measures/Personal protective equipment

- Personal Protective Equipment : Protective goggles. Protective clothing. Insufficient ventilation: wear respiratory protection. Gloves.

- Materials for Protective Clothing: : Chemically resistant materials and fabrics.
- Hand Protection : Wear chemically resistant protective gloves.



- Eye Protection : Chemical goggles or safety glasses.



- Skin and Body Protection : Wear suitable protective clothing.



- Respiratory Protection : Use a NIOSH-approved self-contained breathing apparatus whenever exposure may exceed established Occupational Exposure Limits.



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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical State	: Liquid
Appearance	: Light Amber color paste
Odor	: Mild soap odor
Odor Threshold	: Not available
pH	: Not available
Evaporation Rate	: Not available
Melting Point	: Not available
Freezing Point	: Not available
Boiling Point	: 212 °F (100.00 °C)
Flash Point	: Not available
Auto-ignition Temperature	: Not available
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Not available
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not available
Relative Vapor Density at 20 °C	: Not available
Relative Density	: Not available
Specific Gravity	: 1.02
Solubility	: 100%
Partition Coefficient: N-octanol/water	: Not available
Viscosity	: Not available
Explosion Data – Sensitivity to Mechanical Impact	: Not expected to present an explosion hazard due to mechanical impact.
Explosion Data – Sensitivity to Static Discharge	: Not expected to present an explosion hazard due to static discharge.

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	: When heated to decomposition, emits toxic fumes. Corrosive vapors.
Chemical stability	: Stable under recommended handling and storage conditions (see section 7).
Possibility of hazardous reactions	: Hazardous polymerization will not occur.
Conditions to avoid	: Direct sunlight. Extremely high or low temperatures.
Incompatible materials	: Strong acids. Strong bases. Strong oxidizers.
Hazardous decomposition products	: Carbon oxides (CO, CO ₂). Toxic gases. Nitrogen oxides. Sodium oxides. Corrosive vapors.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	: Not classified
LD50 and LC50 data	: Not classified
Serious Eye Damage/Irritation	: Causes eye irritation.
Respiratory or Skin Sensitization	: Not classified
Germ Cell Mutagenicity	: Not classified
Teratogenicity	: Not available
Carcinogenicity	: Not classified
Specific Target Organ Toxicity (Repeated Exposure)	: Not classified
Reproductive Toxicity	: Not classified
Specific Target Organ Toxicity (Single Exposure)	: Not classified
Aspiration Hazard	: Not classified
Symptoms/Injuries After Inhalation	: Inhalation of large amounts may cause respiratory irritation.
Symptoms/Injuries After Skin Contact	: Causes skin irritation.
Symptoms/Injuries After Eye Contact	: Causes eye irritation.
Symptoms/Injuries After Ingestion	: Ingestion is likely to be harmful or have adverse effects.

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11.2. Information on toxicological effects (Ingredients)

Potassium hydroxide (1310-58-3)	
LD50 Oral Rat	284 mg/kg
Water (7732-18-5)	
LD50 Oral Rat	90000 mg/kg
Tetrasodium EDTA (64-02-8)	
LD50 Oral Rat	1780 mg/kg

SECTION 12: Ecological information

12.1. Toxicity

Aquatic Toxicity : No additional information available

Tetrasodium EDTA (64-02-8)	
LC50 Fish 1	41 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])
LC 50 Fish 2	59.8 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])
ErC50 (algae)	2.77 mg/l (72hr species: Desmodesmus subspicatus)

12.2. Persistence and degradability

Natco OTR Tire Mounting Compound	
Persistence and degradability	Not available.

12.3. Bioaccumulative potential

Natco OTR Tire Mounting Compound	
Bioaccumulative potential	
Potassium hydroxide (1310-58-3)	
Log Pow	0.65
Tetrasodium EDTA (64-02-8)	
Log Pow	5.01 (calculated)

12.4. Mobility in soil

Not additional

12.5. Other adverse effects

Not available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste Disposal Recommendations : Dispose of waste material in accordance with all local, regional, national, provincial, territorial and international regulations.

SECTION 14: Transport information

14.1. Basic shipping description

In accordance with TDG. The description shown may not apply to all shipping situations. Consult 49CFR , or appropriate Dangerous Goods Regulations, for additional description requirements and mode-specific or quantity-specific shipping requirements.

14.3. Transport information / DOT

Not regulated for transport

14.2. Transport information Air and Sea / IMDG / IATA

Not regulated for transport

14.3. Transport information / TDG

Not regulated for transport

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SECTION 15: Regulatory information

15.1. National regulations

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations (CPR) and the SDS contains all of the information required by CPR.

WHMIS Classification



: Class D Division 2 Subdivision B - Toxic material causing other toxic effects

Potassium hydroxide (1310-58-3)

: Listed on the Canadian DSL (Domestic Substances List)

: Listed on the Canadian IDL (Ingredient Disclosure List)

IDL concentration

: 1%

WHMIS Classification

: Class D Division 1 Subdivision B - Toxic material causing immediate and serious toxic effects

: Class E - Corrosive Material

Water (7732-18-5)

: Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

: Uncontrolled product according to WHMIS classification criteria

Tetrasodium EDTA (64-02-8)

: Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

: Class D Division 2 Subdivision B - Toxic material causing other toxic effects

: Class E - Corrosive Material

Fats and Glyceridic oils, vegetable, yellow grease (68475-81-0)

: Listed on the Canadian DSL (Domestic Substances List)

WHMIS Classification

: Uncontrolled product according to WHMIS classification criteria

15.2 International regulations

SARA (Superfund Amendments and Reauthorization Act, Section 311 /312 (Immediate (acute) health hazard

Potassium hydroxide (1310-58-3)

: Listed on the United States TSCA (Toxic Substances Control Act) inventory

Water (7732-18-5)

: Listed on the United States TSCA (Toxic Substances Control Act) inventory

Tetrasodium EDTA (64-02-8)

: Listed on the United States TSCA (Toxic Substances Control Act) inventory

Fats and Glyceridic oils, vegetable, yellow grease (68475-81-0)

: Listed on the United States TSCA (Toxic Substances Control Act) inventory

Potassium hydroxide (1310-58-3)

: U.S. - Connecticut - Hazardous Air Pollutants - HLVs (30 min)

: U.S. - Connecticut - Hazardous Air Pollutants - HLVs (8 hr)

: U.S. - Delaware - Pollutant Discharge Requirements - Reportable Quantities

: U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Acceptable Ambient Concentrations

: U.S. - Idaho - Non-Carcinogenic Toxic Air Pollutants - Emission Levels (ELs)

: U.S. - Louisiana - Reportable Quantity List for Pollutants

: U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 1

: U.S. - Massachusetts - Oil & Hazardous Material List - Groundwater Reportable Concentration - Reporting Category 2

: U.S. - Massachusetts - Oil & Hazardous Material List - Reportable Quantity

: U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 1

: U.S. - Massachusetts - Oil & Hazardous Material List - Soil Reportable Concentration - Reporting Category 2

: RTK - U.S. - Massachusetts - Right To Know List

: U.S. - Massachusetts - Toxics Use Reduction Act

: U.S. - Michigan - Occupational Exposure Limits - Ceilings

: U.S. - Michigan - Polluting Materials List

: U.S. - Minnesota - Hazardous Substance List

: U.S. - Minnesota - Permissible Exposure Limits - Ceilings

: U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - 24-Hour

: U.S. - New Hampshire - Regulated Toxic Air Pollutants - Ambient Air Levels (AALs) - Annual

: U.S. - New Jersey - Discharge Prevention - List of Hazardous Substances

: RTK - U.S. - New Jersey - Right to Know Hazardous Substance List

: U.S. - New Jersey - Special Health Hazards Substances List

: U.S. - New York - Occupational Exposure Limits - Ceilings

: U.S. - New York - Reporting of Releases Part 597 - List of Hazardous Substances

: U.S. - North Dakota - Air Pollutants - Guideline Concentrations - 1-Hour

: RTK - U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

: RTK - U.S. - Pennsylvania - RTK (Right to Know) List

: U.S. - Tennessee - Occupational Exposure Limits - Ceilings

: U.S. - Texas - Effects Screening Levels - Long Term

: U.S. - Texas - Effects Screening Levels - Short Term

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: U.S. - Vermont - Permissible Exposure Limits - Ceilings
: U.S. - Washington - Permissible Exposure Limits - Ceilings
: U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights
25 Feet to Less Than 40 Feet
: U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights
40 Feet to Less Than 75 Feet
: U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights
75 Feet or Greater
: U.S. - Wisconsin - Hazardous Air Contaminants - All Sources - Emissions From Stack Heights
Less Than 25 Feet

Tetrasodium EDTA (64-02-8)

: U.S. - Texas - Effects Screening Levels - Long Term
: U.S. - Texas - Effects Screening Levels - Short Term

SECTION 16: Other information

SDS Canada (GHS)

Natco Manufacturing Ltd. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Individuals receiving the information must exercise their independent judgment in determining its appropriateness for a particular purpose. Natco Manufacturing Ltd. **MAKES NO REPRESENTATIONS OR WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING WITHOUT LIMITATION ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE WITH RESPECT TO THE INFORMATION SET FORTH HEREIN OR THE PRODUCT TO WHICH THE INFORMATION REFERS. ACCORDINGLY, Natco Manufacturing Ltd. WILL NOT BE RESPONSIBLE FOR DAMAGES RESULTING FROM USE OF OR RELIANCE UPON THIS INFORMATION.**

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Other Information : None
Prepared by : Technical / Safety Department

GHS Full text phrases

Acute Tox. 3 (Oral) : Acute toxicity (oral) Category 3
Acute Tox. 4 (Inhalation:dust,mist) : Acute toxicity (inhalation:dust,mist) Category 4
Acute Tox. 4 (Oral) Aquatic : Acute toxicity (oral) Category 4
Acute 2 : Hazardous to the aquatic environment - Acute Hazard Category 2
Comb. Dust : Combustible Dust
Eye Dam. 1 : Serious eye damage/eye irritation Category 1
Eye Irrit. 2B : Serious eye damage/eye irritation Category 2B
Met. Corr. 1 : Corrosive to metals Category 1
Skin Corr. 1A : Skin corrosion/irritation Category 1A
Skin Irrit. 2 : Skin corrosion/irritation Category 2
H232 : May form combustible dust concentrations in air
H290 : May be corrosive to metals
H301 : Toxic if swallowed
H302 : Harmful if swallowed
H314 : Causes severe skin burns and eye damage
H315 : Causes skin irritation
H318 : Causes serious eye damage
H320 : Causes eye irritation
H332 : Harmful if inhaled
H401 : Toxic to aquatic life