

Safety Data Sheet

According to Regulation (EC) No 1907/2006 (REACH)

Trade name: No-Toil Rim Grease

Product. No: NT-05/NT-06

Specification No:

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Print date: 18OCT2011

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Section 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product Identifier

1.1.1 Trade name/designation:

Rim Grease

1.2 Relevant identified uses of the substance or mixture and uses advised against

1.2.1 Relevant identified uses:

Rim Grease

1.2.2 Uses advised against:

All others not specified above.

1.3 Details of the supplier

1.3.1 Supplier:

No-Toil Industries

1.3.2 Address:

1327 Harter Rd.

Yuba City, CA 95993

1.3.3 Phone:

(530)671-4645

1.4 Details of the Manufacturer

1.4.1 Manufacturer:

G.S. Polymers, Inc

1.4.2 Address:

195 Arovista Ave.

Brea, CA 92821

1.4.3 Phone:

(714)672-0567

1.5 Emergency Telephone Number

CHEMTREC: (800)424-9300

Section 2: Hazards identification

2.1 Classification of the substance or mixture:

2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP/GHS]

Class 12: Non-flammable liquids in non-flammable packages

2.1.2 Classification according to 67/548/EEC or 1999/45/EC

Xi: Irritant

2.2 Label elements

2.2.1 Labeling according to Regulation (EC) No 1272/2008

Product identifier: No-Toil Rim Grease

Hazard pictograms:

Xi: Irritant



Signal word:

Caution!

Hazard statements:

H315: Causes skin irritation

H319: Causes eye irritation

H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled

H335: May cause respiratory irritation

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Precautionary statements:

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

P264: Wash hands thoroughly after handling

P270: Do not eat, drink or smoke when using this product

P281: Use personal protective equipment as required.

2.3 Other hazards

Adverse human health effects and symptoms:

Product is a gray thixotropic paste with a vegetable oil odor. Product is not considered to be combustible.

May cause eye and skin irritation in sensitive individual. If heated product contacts the eye and/or skin, thermal burns may result.

Section 3: Composition/information on ingredients

3.1 Description of the mixture:

CAS No	EC No	INDEX No	REACH No	% [weight]	Name	Classification according to 67/548/EEC
8001-30-7	232-281-2			*	Vegetable Derived Oil(s)	S24/25
14807-96-6	238-877-9			*	Talc	
36443-68-2	253-039-2			Up to 1	Triethyleneglycol bis[3-(3-(tert)-butyl-4-hydroxy-5-methylphenyl) propionate]	

* Significant amounts of these ingredients are present in this product, however the percentages of each component is proprietary information.

Section 4: First Aid Measures

4.1 Description of first aid measures

4.1.1 General information:

4.1.2 Eye contact:

Flush eyes with flooding amounts of cool, low pressure water for at least 15 minutes. If irritation persists, get medical attention. If hot product contacts eye, flush with water for at least 15 minutes and seek medical attention immediately.

4.1.3 Inhalation:

Move person to non-contaminated air. If affected person is not breathing, apply artificial respiration. Seek medical attention if symptoms persist.

4.1.4 Skin contact:

In case of skin contact, wash immediately with soap and water. If irritation develops or persists, get medical attention. If hot product contacts skin, cool under running water and get medical attention. Launder contaminated clothing before reuse.

4.1.5 Ingestion:

Not expected to be harmful. If swallowed in large amounts seek medical attention.

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Section 5: Firefighting measures

- 5.1 Extinguishing media:
 - 5.1.1 Suitable extinguishing media:
Carbon dioxide, dry chemical or water.
 - 5.1.2 Unsuitable extinguishing media:
Avoid using a direct stream of water as this may spread the fire.
- 5.2 Special hazards arising from the substance or mixture
 - 5.2.1 Hazardous combustion products:
Smoke, carbon monoxide, carbon dioxide, water, and other normal products of combustion.
- 5.3 Advice for fire-fighters:
Wear full protective clothing, including self-contained positive pressure/pressure demand breathing apparatus, helmet, and protective clothing. Use water spray to cool fire-exposed containers and to protect personnel.
- 5.4 Additional information:
This product is not considered combustible. If heated above its flash point in the presence of air, product can support combustion. If mist is generated, minimum flash point may be reduced.

Section 6: Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures
 - 6.1.1 For non-emergency personnel
Protective equipment:
Neoprene gloves
 - 6.1.2 For emergency responders
Personal protective equipment:
Neoprene gloves, protective clothing, boots, and self-contained breathing apparatus
- 6.2 Environmental precautions:
Minimize entry of material into sewers and drainage systems.
- 6.3 Methods and material for containment and cleaning up
 - 6.3.1 For containment:
Refer to permit discharge limitations if applicable. Isolate spill area, preventing entry by unauthorized persons. Prevent skin/eye contact. Stop leak and contain material.
 - 6.3.2 For cleaning up:
Absorb spill with inert material (e.g., dry sand, earth). Place in an approved chemical waste container.

Section 7: Handling and storage

- 7.1 Precautions for safe handling
 - 7.1.1 Protective measures:
Although this material does not present a significant skin or eye concern, skin eye contact should be avoided as good industrial practice. Wearing of protective gloves and eye protection is recommended.
Wash hands and contaminated skin after handling.
 - 7.1.2 Advice on general occupational hygiene
Practice good personal hygiene after using this material, especially before eating, drinking, smoking, using toilet or applying cosmetics. Never eat, drink, or smoke in work areas.
- 7.2 Conditions for safe storage, including any incompatibilities
Store in a cool dry place from strong oxidizers and acids.
Storage class:
12: Non-flammable liquids in non-flammable packages
Further information on storage conditions:

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Section 8: Exposure controls/personal protection

8.1 Control parameters

8.1.1 Occupational exposure limits:

Limit value type (country of origin)	Substance name	EC-No.	CAS-No	Limit value	Monitoring and observation processes
TWA (US ACGIH) TWA (AU) TWA (BE) TWA (FN) TWA (DU) TWA (CH) TWA (CH) TWA (UK) TWA (UK)	Talc			2mg/m3 2.4mg/m3 2mg/m3 5mg/m3 2mg/m3 10mg/m3 2mg/m3 1mg/m3 10mg/m3	Total dust

8.2 Exposure controls

8.2.1 Appropriate engineering controls:

Provide local exhaust and general ventilation system to maintain airborne concentrations below OSHA, ACGIH, and manufacturer recommended exposure limits. Local exhaust ventilation is preferred because it prevents contaminant dispersion into work areas by controlling it at its source. Local exhaust ventilation is preferred because it prevents contaminant dispersion into work areas by controlling it at its source. Local exhaust ventilation is recommended when generating excessive levels of vapors from handling or thermal processing. Use local and general exhaust ventilation to effectively remove and prevent buildup of mist/vapors/fumes generated from the handling of this product.

8.2.2 Personal protective equipment:

8.2.2.1 Eye/Face protection:

Wear chemical goggles and face shield if splashing is possible. Ensure compliance with OSHA's personal protective equipment (PPE) standard for eye and face protection, 29 CFR 1910.133.

8.2.2.2 Skin protection:

Use impervious gloves. Work clothing sufficient to prevent all skin contact should be worn, such as coveralls and long sleeves. For heated/molten product, use any type thermal insulating gloves and other clothing as necessary to protect from thermal burns. Ensure compliance with OSHA's personal protective equipment (PPE) standard, 29CFR 1910.132 (general) and 138 (hand protection).

8.2.2.3 Respiratory protection:

GAS/VAPOR: Respirators should be selected by and used under the direction of a trained health and safety professional following requirements found in OSHA's respiratory standard (29 CFR 1910.134) and ANSI's standard for respiratory protection (Z88.2-1992). A written respiratory protection program, including provisions for medical certification, training, fit-testing, exposure assessments, maintenance, inspection cleaning, and convenient, sanitary storage, must be implemented. For concentrations above the TLV and/or PEL but less than 10 times these limits, a NIOSH approved half-piece respiratory equipped with appropriate chemical cartridges may be used. For concentrations greater than 10 times the TLV and/or PEL, consult the NIOSH respirator decision logic found in publication No. 87-116 or ANSI Z88.2-1992. Warning! Air-purifying respiratory do not protect workers in oxygen-deficient atmospheres.

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8.2.2.4 Other Precautions:

Eye wash fountains and emergency showers are recommended. Launder contaminated clothing before reuse. Use good industrial hygiene practices in handling this material.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

9.1.1 Appearance

Physical state: **Paste** Color: **Gray** Odor: **Vegetable Oil** Odor threshold:

9.1.2 Safety relevant basic data

pH (20 °C): **No Data**

Melting point/range(°C): **No Data**

Initial boiling point/range (°C): **>371.11**

Decomposition temperature (°C): **No Data**

Flash point (°C): **>246.11**

Ignition temperature (°C): **No Data**

Vapor pressure (hPa) at °C: **No Data**

Vapor density (air = 1): **No Data**

Density (g/cm³) at °C: **No Data**

Bulk density (kg/m³): **No Data**

Water solubility (20°C in g/l): **Not Soluble**

Solubility(ies): **No Data**

Partition coefficient: **No Data**

N-Octanol/Water (log Po/w): **No Data**

Viscosity, dynamic (mPa s): **No Data**

9.2 Other safety information:

Properties of explosive atmospheres (mixtures):

Gases and vapors: **No Data**

Dusts: **No Data**

Physical chemical properties of nanoparticles: **No Data**

Limiting oxygen concentration: **No Data**

Bulk density: **No Data**

Solubility in different media: **No Data**

Stability in organic solvents and identity of relevant degradation products: **No Data**

Evaporation rate: **No Data**

Conductivity: **No Data**

Surface tension: **No Data**

Dissociation constant in water (pKa): **No Data**

Oxidation-reduction Potential: **No Data**

Fat solubility (solvent – oil to be specified): **No Data**

Critical temperature: **No Data**

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Section 10: Stability and reactivity

10.1 Reactivity:

Not Reactive

10.2 Chemical stability:

Stable

10.3 Possibility of hazardous reactions

Will not occur

10.4 Conditions to avoid:

Strong oxidizing agents. Avoid prolonged contact with porous materials.

10.5 Incompatible materials:

This product may react with strong oxidizing agents.

10.6 Hazardous decomposition products:

None, except extreme high temperatures may lead to decomposition, releasing fumes containing carbon monoxide, carbon dioxide, water, trace sulfur oxides, and/or hydrocarbons of varying molecular weights.

Section 11: Toxicological Information

11.1 Information on toxicological effects:

Talc	Effect dose / Concentration	Species	Method	Time
Acute oral toxicity				
Acute dermal toxicity				
Acute inhalative toxicity (gas)	18mg/m3	Rat	TCLo	6 Hours
Acute inhalative toxicity (vapor)	11 mg/m3	Rat	TC	

11.2 Other information:

11.2.1 Assessment/classification

12: Non-flammable liquids in non-flammable packages

11.2.2 In case of ingestion:

Not expected to be harmful.

11.2.3 In case of skin contact:

Not expected to be harmful. May cause irritation in sensitive individuals.

11.2.4 In case of inhalation:

Not expected to be harmful at room temperature. Heating this product may release vapors. Inhalation of mists/vapors/fumes generated by heating this product may cause respiratory tract irritation with throat discomfort, coughing, and difficulty breathing.

11.2.5 In case of eye contact:

Product may cause eye irritation.

Section 12: Ecological information

No Data

12.1 Toxicity:

Aquatic toxicity

12.1.1 Substances

Acute (short-term) toxicity

Effect dose	Exposure time	Species	Method	Evaluation	Remark
LC50					
EC50					

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Section 13: Disposal considerations

13.1 Waste treatment methods

13.1.1 Product/package disposal:

Empty containers retain product residue; observe all precautions for. Do not heat or cut empty container with electric or gas torch because toxic vapors and gases are formed. Do not reuse without thorough commercial cleaning and reconditioning. If container is to be disposed, ensure all product residues are removed prior to disposal.

13.1.2 Waste codes/waste designations according to EWC/AVV:

16 03 06

13.2 Additional information:

Waste disposal should be in accordance with existing federal, state and local environment control laws.

Section 14: Transport Information

14.1 Land transport (CFR 49: DOT)

This product is not regulated as a hazardous material by DOT standards.

UN-No:

Proper shipping name:

Class (es):

Packing group:

Hazard label(s):

Special provision(s):

14.2 Land transport (ADR/RID/GGVSEB):

This product is not regulated as a hazardous material by ADR standards.

UN-No:

Proper shipping name:

Class (es):

Classification Code:

Packing group:

Hazard label(s):

Special provision(s):

14.3 Sea transport (IMDG-Code/GGVSee):

This product is not regulated as a hazardous material by IMO standards.

UN No:

Proper shipping name:

Class (es):

Packing group:

Marine Pollutant:

Special provision(s):

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14.4 Air transport (ICAO-IATA/DGR):

This product is not regulated as a hazardous material by IATA standards.

UN No:

Proper shipping name:

Class (es):

Packing group:

Special provision(s):

Section 15: Regulatory Information

15.1 Safety, health and environmental regulations/legislation specific for the mixture

15.1.1 National regulations(United States):

To determine applicability or effects of any law or regulation with respect to the product, user should consult his legal advisor or the appropriate government agency. G.S. Polymers does not undertake to furnish advice on such matters.

United States Federal Regulations:

US EPA CERCLA Hazardous Substances (40 CFR302): Not Evaluated

SARA Section 311/312 Hazardous Categories:

Not Evaluated

US EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA Title III: Section 302 Extremely Hazardous Substance (40 CFR 355, Appendix A): Not Evaluated.

US EPA Emergency Planning and Community Right-To-Know Act (EPCRA) SARA III Section 313 Toxic Chemicals (40 CFR 372.65)-Supplier Notification Required:
Not Evaluated

State Right-To-Know Information:

For details of regulatory requirement you should contact the appropriate agency in your state.

Massachusetts, New Jersey or Pennsylvania Right to Know Substance Lists:

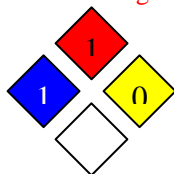
Not Evaluated

New Jersey Environmental Hazardous Substances List and/or New Jersey, RTK Special Hazardous Substances List:

Not Evaluated

California Proposition 65: To the best of our knowledge, this product does not contain any of the listed chemical, which the state of California has found to cause cancer, birth defects or other reproductive harm.

HMIS Ratings:



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15.1.2 National regulations(Canada):

This product does not meet the definition of any WHMIS classification.

15.1.3 National regulations(EU):

EU Classification: Xi: Irritant

EU Risk Phrases: R36/37/38

EU Safety Phrases: S2, S13, S24/25, S36, S63

Section 16: Other Information

16.1 Relevant R-, H- and EUH-phrases (number and full text):

R36/37/38: Irritating to eyes, respiratory system and skin

S2: Keep out of the reach of children

S13: Keep away from food, drink and animal feeding stuffs

S24/25: Avoid contact with skin and eyes

S36: Wear suitable protective clothing

S63: In case of accident by inhalation: remove casualty to fresh air and keep at rest

16.2 Further information:

The information contained herein is believed to be accurate. It is provided independently of any sale of the product for the purpose of hazard communication. It is not intended to constitute performance information concerning the product. No Express warranty, or implied warranty of merchantability or fitness for a particular purpose is made to the product or the information contained herein.

NO TOIL