



Safety Data Sheet (SDS)
AMALIE Heavy-Duty Wheel Bearing Grease #4

Product
Code: 881409181160
Revision Date: 07/25/2024

Section 1. Identification

1.1. Product identifier

Product Identity AMALIE Heavy-Duty Wheel Bearing Grease #4
Alternate Names N/A

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

Intended use See Technical Data Sheet.

1.3. Details of the supplier of the safety data sheet

Company Name AMALIE OIL COMPANY (Florida)
1601 McCloskey Boulevard
Tampa, Florida 33605 U.S.A.

Emergency

24 hour Emergency Telephone No. ChemTel 1-800-255-3924 24 hr

Customer Service: (813)248-1988
info@amalie.com
www.amalie.com

Section 2. Hazard(s) identification

2.1. Classification of the substance or mixture

No applicable GHS categories.

2.2. Label elements

No applicable GHS categories.

[Prevention]

No GHS prevention statements

[Response]

No GHS response statements

[Storage]

No GHS storage statements

[Disposal]

No GHS disposal statements

Section 3. Composition/information on ingredients

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations | Weight % | GHS Classification | Notes |
|--|-----------------|---------------------------|--------------|
| Potassium Triborate Dispersion in Neutral Oil CAS Number: Proprietary | 1 - 5 | | ---- |

The specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

*PBT/vPvB - PBT-substance or vPvB-substance.

The full texts of the phrases are shown in Section 16.

Section 4. First aid measures

4.1. Description of first aid measures

General

In all cases of doubt, or when symptoms persist, seek medical attention.
Never give anything by mouth to an unconscious person.

Inhalation

Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious, place in the recovery position and obtain immediate medical attention. Give nothing by mouth.

Eyes Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.

Skin Remove contaminated clothing. Wash skin thoroughly with soap and water or use a recognized skin cleanser.

Ingestion If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.

4.2. Most important symptoms and effects, both acute and delayed

Overview No specific symptom data available.
Treat symptomatically. Check section 2.2 (GHS Label Elements) for further details.

Section 5. Fire-fighting measures

5.1. Extinguishing media

Recommended extinguishing media; alcohol resistant foam, CO₂, powder, water spray.

Unsuitable extinguishing media: Do not use; water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: No hazardous decomposition data available.

5.3. Advice for fire-fighters

As with all fires, wear positive pressure, self-contained breathing apparatus, (SCBA) with a full face piece and protective clothing. Persons without respiratory protection should leave area. Wear SCBA during clean-up immediately after fire. No smoking.

ERG Guide No. ----

Section 6. Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on appropriate personal protective equipment (see section 8).

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

6.2. Environmental precautions

Do not allow spills to enter drains or waterways.

6.3. Methods and material for containment and cleaning up

Ventilate the area and avoid breathing vapors. Take the personal protective measures listed in section 8. Contain and absorb spillage with non-combustible materials e.g. sand, earth, and vermiculite. Place in closed containers outside buildings and dispose of according to the Waste Regulations.

Section 7. Handling and storage

7.1. Precautions for safe handling

Handle containers carefully to prevent damage and spillage.

Check section 2.2 (GHS Label Elements) for further details. - [Prevention]

7.2. Conditions for safe storage, including any incompatibilities

Incompatible materials: No available information

Check section 2.2 (GHS Label Elements) for further details. - [Storage]

7.3. Specific end use(s)

No available information

Section 8. Exposure controls / personal protection

8.1. Control parameters

Exposure

| CAS No. | Ingredient | Source | Value |
|-------------|---|--------|----------------------|
| Proprietary | Potassium Triborate Dispersion in Neutral Oil | OSHA | No Established Limit |
| | | ACGIH | No Established Limit |
| | | NIOSH | No Established Limit |

8.2. Exposure controls

Respiratory If workers are exposed to concentrations above the exposure limit they must use the appropriate, certified respirators.

Eyes Protective safety glasses recommended

Skin Avoid skin contact. Protective gloves recommended.

Engineering Controls Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

Check section 2.2 (GHS Label Elements) for further details.

Section 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties

| | |
|--|--|
| Appearance | YELLOW GREASE YELLOW GREASE |
| Odor | Hydrocarbon-like |
| Odor threshold | Not determined |
| pH | No available information |
| Melting point / freezing point | No available information |
| Initial boiling point and boiling range | No available information |
| Flash Point | 250°C |
| Evaporation rate (Ether = 1) | No available information |
| Flammability (solid, gas) | No available information |
| Upper/lower flammability or explosive limits | Lower Explosive Limit: No available information Upper Explosive Limit: No available information |
| Vapor pressure (Pa) | No available information |
| Vapor Density | No available information |
| Relative Density | .9317 |
| Solubility in Water | No available information |
| Partition coefficient n-octanol/water (Log Kow) | Not determined |
| Auto-ignition temperature | No available information |
| Decomposition temperature | No available information |
| Viscosity (cSt) | 150 |

VOC Content

nil

9.2. Other information

No other relevant information.

Section 10. Stability and reactivity

10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No available information

10.4. Conditions to avoid

Avoid high temperatures and contact with incompatible material

10.5. Incompatible materials

No available information

10.6. Hazardous decomposition products

No hazardous decomposition data available.

Section 11. Toxicological information

Acute toxicity

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Ingredient | Oral LD50, mg/kg | Skin LD50, mg/kg | Inhalation Vapor LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm |
|------------|---------------------|---------------------|---------------------------------------|--|--------------------------------|
| | | | | | |

| | | | | | |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|
| Potassium Triborate Dispersion in Neutral Oil - (Proprietary) | No data available. | No data available. | No data available. | No data available. | No data available. |
|---|--------------------|--------------------|--------------------|--------------------|--------------------|

Carcinogen Data

| CAS No. | Ingredient | Source | Value |
|-------------------------------|---|----------|---|
| Proprietary | Potassium Triborate Dispersion in Neutral Oil | OSHA | Regulated Carcinogen: No; |
| | | NTP | Known: No; Suspected: No; |
| | | IARC | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; |
| | | ACGIH | No Established Limit |
| Classification | | Category | Hazard Description |
| Acute toxicity (oral) | | --- | Not Applicable |
| Acute toxicity (dermal) | | --- | Not Applicable |
| Acute toxicity (inhalation) | | --- | Not Applicable |
| Skin corrosion/irritation | | --- | Not Applicable |
| Serious eye damage/irritation | | --- | Not Applicable |
| Respiratory sensitization | | --- | Not Applicable |
| Skin sensitization | | --- | Not Applicable |
| Germ cell mutagenicity | | --- | Not Applicable |
| Carcinogenicity | | --- | Not Applicable |
| Reproductive toxicity | | --- | Not Applicable |
| STOT-single exposure | | --- | Not Applicable |
| STOT-repeated exposure | | --- | Not Applicable |
| Aspiration hazard | | --- | Not Applicable |

Section 12. Ecological information

12.1. Toxicity

No additional information provided for this product. See Section 3 for chemical specific data.

Aquatic Ecotoxicity

| Ingredient | 96 hr LC50 fish, mg/L | 48 hr EC50 crustacea, mg/L | ErC50 algae, mg/L |
|---|------------------------------|-----------------------------------|--------------------------|
| Potassium Triborate Dispersion in Neutral Oil - (Proprietary) | No data available. | No data available. | No data available. |

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

No available information

12.4. Mobility in soil

No available information

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No available information

Section 13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

Section 14. Transport information

| | DOT (Domestic Surface Transportation) | IMO / IMDG (Ocean Transportation) | ICAO/IATA |
|--------------------------------------|--|--|------------------|
| 14.1. UN number | Not Applicable | Not Regulated | Not Regulated |
| 14.2. UN proper shipping name | Not Regulated | Not Regulated | Not Regulated |

| | | | | |
|-------------|-----------------------|---------------------|-------------------------|----------------------------|
| | 0 | 1 | 0 | -- |
| HMIS | Health Hazards | Flammability | Physical Hazards | Personal Protection |
| | 0 | 1 | 0 | -- |

| Chemical Name (CAS Number) | US TSCA | Australia AICS | Korea ECL | EU EINECS | EU ELINCS | EU SVHC | EN NLP | Mexico INSQ |
|---|----------------|-----------------------|------------------|------------------|------------------|----------------|---------------|--------------------|
| Potassium Triborate Dispersion in Neutral Oil (Proprietary) | No | No | No | No | No | No | No | No |

| Chemical Name (CAS Number) | China IECSC | Japan ENCS | Japan ISHL | Japan PDSCCL | Japan PRTR 1 | Japan PRTR 2 | Philippines PICCS | New Zealand NZIOC |
|---|--------------------|-------------------|-------------------|---------------------|---------------------|---------------------|--------------------------|--------------------------|
| Potassium Triborate Dispersion in Neutral Oil (Proprietary) | No | No | No | No | No | No | No | No |

Section 16. Other information

Revision Date 07/25/2024

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The full text of the phrases appearing in section 3 is:

Not Applicable

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