

Safety Data Sheet

5th Wheel Advanced Grease

Section 1. Identification

Product Identifier 5th Wheel Advanced Grease

Synonyms 56400

Manufacturer Stock Numbers 143566

Recommended use Refer to Technical Information

Uses advised against Refer to Technical Information

Supplier Contact Address Engineering Adhesives & Lubricants (Aust) Pty Ltd
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Poisons Information
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Section 2. Hazards Identification

Classification N/A

Signal Word

Pictogram

Hazard Statements N/A

Precautionary Statements

Response N/A

Prevention N/A

Storage N/A

Disposal N/A

Ingredients of unknown toxicity 14.35%

Hazards not Otherwise Classified

Additional Information This product do not contain any substance which at given concentration are considered hazardous to health.

Section 3. Ingredients

CAS	Ingredient Name	Weight %
64742-52-5	Severely Hydrotreated Heavy Naphthenic Petroleum Oil	50% - 90%

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First-Aid Measures

Description of first aid measures

General information:
Not expected to be health hazard if used under normal conditions

Inhalation:
Under normal conditions of intended use, this material is not expected to be inhalation hazard. If some symptom exists, remove to fresh air. If not breathing, give artificial respiration. Get medical attention

Skin Contact:
Remove contaminated clothes. Flush exposed area with plenty of water followed by washing by soap, if available. If persistent irritation occurs, obtain medical attention. If product is injected into or under the skin due to any reason, the victim, regardless of size or appearance of wound, victim should be brought immediately to medical attention for emergency surgical needs. Though the initial symptoms due to high pressure injection may be minimal / absent, early surgical treatment may significantly reduce the extent of injury.

Eye Contact:
Immediately flush with large quantities of cool water for at least 15 minutes including under eyelids. Keep eye wide open while rinsing. If symptoms persist get medical attention.

Ingestion:
Drink plenty of water. In general no treatment is necessary unless large quantities are swallowed; however, it's advisable to take medical attention. Do not induce vomiting unless directed by medical personnel. Do not give anything by mouth by an unconscious person.

No data available

Most important symptoms/effects (acute and delayed)

Notes to physician

Treat symptomatically and supportively.

Self-protection for first aider

When administering the first aid, ensure that you are wearing the appropriate personal protective equipment according to the incident, injury and surroundings.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media

Water Spray (fog), dry chemical, foam, or carbon dioxide, sand to extinguish flames.

Unsuitable Extinguishing Media

Water stream may splash burning liquid and spread fire.

Special hazard arising from the substances or mixture

Hazardous combustion product may include a complex mixture of airborne solid and liquid particulates and gases (smoke) , carbon monoxide , unidentified inorganic and organic compounds.

Explosion Data

Sensitivity to Mechanical Impact: None
Sensitivity to Static Discharge: None

Advice to firefighters

Proper protective equipment include chemical resistant gloves to be worn, chemical resistant suit is recommended when large contact with spill product is expected. Self-contained breathing apparatus (SCBA) must be worn when approaching a fire in confined area. Select the fire fighters clothing approved by relevant standard e.g., MSHA/NIOSH approved or equivalent and full protective gear.

Section 6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Fully encapsulating, vapor protective clothing should be worn for spills and leaks with no fire. Do not touch and walk through spill area. Do not touch damaged container or spilled material unless wearing appropriate protective clothing/equipment. Ventilate the closed area.

Emergency procedures

Isolate the spill / leak area in all directions for about 50 meters (150 ft) for liquids and about 25 meters (75 ft.) for solids and semi-solids. Eliminate all ignition sources (no smoking, flares, sparks / flames in close vicinity). Keep unauthorized person away and ventilate closed space before entering.

Environmental procedures

Use appropriate measures for containment of spilled material to the environment. Prevent from entering/ spreading to drain, water, river, ditches by using sand, earth, floor dryers or other appropriate barriers.

Methods and materials for containment and cleaning up

Shovel into suitable properly marked container for disposal or reclamation in accordance with local regulations.

Reference to other sections

Refer to section 8 – exposure control / personal protection and section 13- disposal considerations

Section 7. Handling and Storage

General Precautions

Store in well-ventilated area, if risk on vapor inhalation is there. Use the information in this data sheet as input for risk management arising due to local

Precautions for safe handling

conditions which help to manage safe handling of this product.

Avoid prolonged and repeated contact with skin. Avoid inhaling the vapors/mist. When handling the drums, kegs, pails etc., proper safety shoes, and other protective clothes, safety glasses etc. should be worn. Dispose appropriately any contaminated rags/material as per prevailing local allowable practices. Keep containers in closely tight and, cool and well ventilated areas.

Conditions for safe storage, including any incompatibilities

Keep containers tightly close, well-ventilated areas but covered, avoiding contact with rain or other water ingress possibilities. Keep the storage place cool preferably <120 °F / <50 °C. Higher temperature may create pressure buildup inside container and chances of container busting or leakage may occur under aggravated conditions. Keep away from other oxidizing and incompatible materials.

Incompatible Products: Strong oxidizing agents. Strong reducing agents

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Severely Hydrotreated Heavy Naphthenic Petroleum Oil	5 mg/m3 oil mist	5 mg/m3 oil mist	10 mg/m3 oil mist

Personal Protective Equipment

Goggles, Gloves, Apron

Engineering Measures

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection
Safety glasses with side-shields. Risk of contact, wear: Chemical splash goggles.

Skin and Body Protection
Impervious clothing. Protective gloves.

Respiratory Protection
If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn.

Hygiene Measures
When using, do not eat, drink or smoke. Provide regular cleaning of equipment, work area and clothing. Keep away from food, drink and animal feeding stuffs. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

Environmental Exposure controls

Minimize release to the environment. Follow best practices for site management and disposal of waste as per local regulations

Section 9. Physical and Chemical Properties

Physical State

Semi-solid

Color	Black
Odor	Slight hydrocarbon
Odor Threshold	Data not available
Solubility	N/A
Partition coefficient Water/n-octanol	N/A
VOC%	N/A
Viscosity	N/A
Specific Gravity	0.87
Density lbs/Gal	7.506
Pounds per Cubic Foot	N/A
Flash Point	495F 257C
FP Method	N/A
pH	Not applicable
Melting Point	N/A
Boiling Point	No data available
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	N/A
Flammability	No data available
Decomposition Temperature	N/A
Auto-ignition Temperature	No data available
Vapor Pressure	< 0.13 kPa (< 1 mm Hg)
Vapor Density	< 1 (air=1)

Note The above information is not intended for use in preparing product specifications.

Section 10. Stability and Reactivity

Reactivity	No reactivity is expected under normal conditions of intended use. However, under high temperature or adverse operating conditions thermal / chemical decomposition of the product may be possible
Chemical Stability	No hazardous reaction is expected under normal conditions of temperature and pressure
Possibility of hazardous reactions	None under normal processing
Hazardous Polymerization	Not likely to occur
Conditions to avoid	Extreme temperature and direct sunlight / heat /flame

Incompatible materials Strong oxidizing agents or strong reducing agents
Hazardous decomposition products Carbon dioxides , Nitrogen oxides (NOX) , Sulfur oxides

Section 11. Toxicological Information

Information on Likely Routes of Exposure

Inhalation:
There is no data available for this product.

Eye Contact:
Causes serious eye irritation.

Skin Contact:
Causes mild skin irritation

Ingestion:
There is no data available for this product

Delayed and immediate effects

Sensitization
No information available.

Mutagenic
Effects No information available.

Carcinogenicity
The classification listed below for the petroleum distillates in this product pertains to those that contain more than 3% DMSO extract as measured by IP 346. The petroleum distillates in this product do not meet that criteria to be classified as carcinogens.

ACGIH: (American Conference of Governmental Industrial Hygienists)
A2 – suspected human carcinogen
IARC: (International Agency for Research on Cancer)
Group 1 - Carcinogenic to Humans
OSHA: (Occupational Safety & Health Administration)
x- Present

Reproductive Toxicity:
No information available.

STOT - single exposure:
No information available.

STOT - repeated exposure:
No information available.

Aspiration Hazard:
No information available

Section 12. Ecological Information

Ecotoxicity	The environmental impact of this product has not been fully investigated.
Persistence and	No information available.
Degradation	
Bioaccumulation	No information available.
Other adverse effects	No information available

Section 13. Disposal

Product disposal	Try to minimize the product waste by using best applicable practices. It is the responsibility of the waste generator to evaluate the waste classification and appropriate disposal methodology in accordance with the applicable regulation. Do not dispose in to environment, in drain or in river / ponds / water reservoirs.
Container disposal	To be disposed in accordance with local prevailing and allowable regulations.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	Not regulated
ADG Classification	Not regulated
Packing Group	Not regulated

Section 15. Regulatory Information

AICS	All of the significant ingredients in this formulation are compliant with NICNAS regulations.
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Section 16. Other Information

Revision Date	19/09/2018
Disclaimer	The data contained herein is based upon information that Engineering Adhesives & Lubricants (Aust) Pty Ltd believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements or suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.