Safety Data Sheet

Dynatex® 54016 Wheel Bearing Grease

Section 1. Identification

Product Identifier	Dynatex® 54016 Wheel Bearing Grease
Synonyms	54016AB10
Manufacturer Stock Numbers	54016AB10
Recommended use	Refer to Technical Information
Uses advised against	Refer to Technical Information
Manufacturer Contact	
Address	Dynatex a division of Soudal Accumetric 350 Ring Road Elizabethtown, KY, 42701 USA

Phone	Emergency Phone	Fax
(270) 769-3385	(800) 424-9300 CHEMTREC	(270) 769-6418

Section 2. Hazards Identification

Classification	EYE DAMAGE/IRRITATION - Category 2A
Signal Word	Warning
Pictogram	
Hazard Statements	Causes serious eye irritation
Precautionary Statements	
Response	If eye irritation persists: Get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact

	lenses, if present and easy to do. Continue rinsing.
Prevention	Wash hands thoroughly after handling. Wear eye protection/face protection.
Storage	N/A
Disposal	N/A

Ingredients of unknown toxicity	0%

Hazards not Otherwise Classified	
GHS Label Element	Not a hazardous substance or mixture.
GHS Classification	Not a hazardous substance or mixture.
Additional Information	Not classified as hazardous under 29CFR 1910.1200 (HazCom 2012)

Section 3. Ingredients

CAS	Ingredient Name	Weight %
68649-42-3	Phosphorodithioic acid, O-O-DI-C1-14-alkyl esters, zinc salts	1% - 5%
64742-65-0	Petroleum distillates, solvent dewaxed heavy paraffinic	40% - 70%

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

Section 4. First-Aid Measures

Eye Contact	Hold eyelids open and flush with a steady, gentle stream of water for at least 15 minutes. If symptoms persist, contact a physician.
Skin Contact	Remove product from the skin by washing with a mild soap and water. Contaminated clothing should be removed to prevent prolonged exposure. If product is injected under the skin, seek treatment immediately. If symptoms of exposure persist, contact a physician.
Inhalation	If signs or symptoms of overexposure occur, remove the employee to fresh air. If symptoms persist, seek medical attention.
Ingestion	If ingested, dilute stomach contents with two glasses of milk or water. (NOTE: Do NOT give anything by mouth to an unconscious person.) Do not induce vomiting without medical supervision. If vomiting occurs spontaneously, keep airway clear. If symptoms of ingestion persist, seek medical attention.
Note to Physician	No further data known.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media	No data availablbe.
Unsuitable Extinguishing Media	Do not use water jet as an extinguisher, as this will spread the fire

Unusual Fire & Explosion Hazards	No further data known.
Firefighting Procedures and Equipment	Emergency responders in the danger area should wear bunker gear and self-contained breathing apparatus for fires beyond the incipient stage. See Section 8 of the MSDS for other PPE to be worn as conditions warrant.

Section 6. Accidental Release Measures

Clean-up Measures

Important: As with any spill or leak, before responding ensure that you are familiar with the potential hazards and recommendations of the MSDS. Appropriate personal protective equipment must be worn. See Section 8 of this MSDS for PPE recommendations.

If possible, safely contain the spill with dikes or other spill response equipment appropriate for petroleum or organic material releases. Take measures to prevent spreading of product. Note that while product will ignite it will not readily burn. However, as a precaution eliminate ignition sources. Prevent from entering sewers or waterways. Large volumes may be transferred to an appropriate container for proper disposal. Small volumes or residues may be soaked up with absorbents. Spill response materials should be collected for proper disposal.

Section 7. Handling and Storage

Storage

Protect product quality by storing indoors and away from extreme temperatures. Close all containers when not in use.

Handling

As with any industrial chemical, handle the product in a manner that minimizes exposure to practicable levels. Prior to handling, consult Section 8 of this MSDS to evaluate personal protective equipment needs. Open containers slowly to relieve any pressure. Follow all other standard industrial hygiene practices.

Empty containers may contain product residue. All safety precautions taken when handling this product should also be taken when handling empty drums and containers. Keep containers closed when not in use.

Product residue in empty containers is combustible but will not readily burn. NOTE however, that excessive heating or cutting of empty containers may create an ignition source sufficient to start a fire and in extreme cases, cause an explosion.

Section 8. Exposure Controls/Personal Protection

Occupational Exposure Limits

Ingredient Name	ACGIH TLV	OSHA PEL	STEL
Phosphorodithioic acid, O-O-DI-C1-14-alkyl esters, zinc salts	N/A	N/A	N/A
Petroleum distillates, solvent dewaxed heavy paraffinic	0	N/A	N/A

Personal Protective Equipment	N/A
Personal Protective Equipment	Selection of personal protective equipment should be based upon the anticipated exposure and made in accordance with OSHA's Personal Protective Equipment Standard found in 29 CFR 1910 Subpart I. The following information may be used to assist in PPE selection.
Eye Protection	Wear eye protection appropriate to prevent eye exposure. Where splashing is not likely, chemical safety glasses with side shields are recommended. Where splashing may occur, chemical goggles or full face shield is recommended.
Skin Protection	Gloves are not normally needed during normal conditions of use. If health effects are experienced, oil or chemical resistent gloves such as butyl or nitrile are recommended. Where splashing or soaking is likely, wear oil or chemical resistent clothing to prevent exposure.
Respiratory Protection	A respirator may be worn to reduce exposure to vapors, dust, or mist. Select a NIOSH/MSHA approved respirator appropriate for the type and physical character of the airborne material. A self-contained breathing apparatus is recommended in all situations where airborne contaminant concentration has not been confirmed to be below safe levels. Respirator use should comply with the OSHA Respirator Protection Standard found in 29 CFR 1910.134.
Engineering Controls	Normal general ventilation is expected to be adequate. It is recommended that ventilation be designed in all instances to maintain airborne concentrations at lowest practicable levels. Ventilation should at a minimum, prevent airborne concentrations from exceeding any exposure limits listed in Section 2 of this MSDS. The user may wish to refer to 29 CFR 1910.1000(d)(2) and the ACGIH "Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indicies" (Appendix C) for the determination of exposure limits of mixtures. An industrial hygienist or similar professional may be consulted to confirm that the calculated exposure limits apply.

Section 9. Physical and Chemical Properties

Physical State	N/A
Color	Amber
Odor	Bland petroleum odor
Odor Threshold	N/A
Solubility	Negligible in water
Partition coefficient Water/n-octanol	N/A
VOC%	2.2%
Viscosity	N/A
Specific Gravity	0.9
Density lbs/Gal	N/A
Pounds per Cubic Foot	N/A

Flash Point	> 300F (lowest oil)
FP Method	COC
Ph	Not applicable
Melting Point	Not determined
Boiling Point	Not determined
Boiling Range	N/A
LEL	N/A
UEL	N/A
Evaporation Rate	Negligible
Flammability	N/A
Decomposition Temperature	N/A
Auto-ignition Temperature	N/A
Vapor Pressure	< 0.01 mm Hg @ 20C
Vapor Density	> 5 (air = 1)

Note	The above information is not intended for use in preparing product specifications. Contact Soudal Accumetric before writing specifications.

Section 10. Stability and Reactivity

Decomposition Products May Include	Thermal decomposition products are dependent on combustion conditions. A complex mixture of airborne solid, liquid, particulates and gasses may evolve when the material burns. Combustion byproducts may include: oxides of carbon, oxides of zinc, incompletely burned hydrocarbons as fumes and smoke.
Incompatibilities	This product is incompatible with strong oxidizing agents.
Conditions to Avoid	Avoid contact with incompatible materials and exposure to extreme temperatures.
Hazardous Polymerization	Not likely to occur.
Chemical Stability	Stable

Section 11. Toxicological Information

Ingestion	May be ingested by accident. Ingestion may cause irritation and malaise.
Inhalation	Inhalation is the primary route of exposure. In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
Skin Contact	Prolonged skin contact may cause redness and irritation.
Eye Contact	Eye contact is possible and should be avoided.

Section 12. Ecological Information

Envoronmental Fate	The degree of biodegradability and persistence of this product has not been

	determined.
Ecotoxicological Information	This product has not been evaluated for ecotoxicity. As with any industrial chemical, exposure to the environment should be prevented and minimized wherever possible.

Section 13. Disposal

Disposal instructions	Discharge, treatment, or disposal may be subject to national, state, or local laws. Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal. It is the responsibility of the product user or owner to determine at the time of disposal, which waste regulations must be applied.
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.

Section 14. Transport Information

UN Number	N/A
UN Proper Shipping Name	N/A
DOT Classification	N/A
Packing Group	N/A

Section 15. Regulatory Information

US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)	None present or none present in regulated quantities.
SARA 313 (TRI Reporting)	Chemical Identity: Zinc compound Reporting threshold for other users: 10000 lbs Reporting threshold for manufacturing and processing: 25000 lbs

Section 16. Other Information

Revision Date	12/22/2015
Disclaimer	The data contained herein is based upon information that Soudal Accumetric 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.