

Date: 01/01/2012

SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT IDENTIFICATION: BOSS FIFTH WHEEL GREASE

COMMON NAME: Grease

CHEMICAL FORMULA: Mixture

CHEMICAL FAMILY: Hydrocarbon

CHEMICAL NAME: Soap thickened oil lubricant

MANUFACTURER IDENTIFICATION:

BOSS Lubricants

112, 6303 – 30 Street S.E.

Calgary, Alberta T2C 1R4

Transportation Emergency (CHEMTREC): 1-800-424-9300

Technical Information: 1-800-844-9457

SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

INGREDIENTS PERCENTAGES CAS#

(by weight)

Oil, severely Hydrotreated Naphthenic 80-95% 64742-52-5

Soap Thickener Proprietary 7620-77-1

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

POTENTIAL HEALTH EFFECTS

ROUTES OF ENTRY: (Eye Contact, Dermal, Inhalation, Ingestion).

ACUTE EFFECTS OF OVER EXPOSURE:

Eyes- Contact with eyes may cause irritation.

Skin- Contact with skin may cause irritation

Inhalation- May cause irritation of the nose and throat

Ingestion- May cause nausea and vomiting. Large quantities may affect the central nervous system.

CHRONIC EFFECTS OF OVER EXPOSURE: No adverse effects anticipated.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Existing dermatitis and respiratory conditions.

CARCINOGENICITY: NTP: No IARC: No OSHA: No

SECTION 4: FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES :

EYE CONTACT:

If material comes in contact with the eyes, immediately wash the eyes with large amounts of water for fifteen minutes; occasionally lifting the lower and upper lids. Get medical attention.

SKIN CONTACT:

If the material comes in contact with the skin, wash the contaminated skin with soap and water promptly. If the material penetrates through the clothing, remove the clothing and wash the skin with soap and water promptly. If irritation persists after washing get medical attention immediately.

INHALATION:

If person breathes in large amounts of material, move the exposed person to fresh air at once. If breathing has stopped, perform artificial respiration. Keep the person warm and at rest. Get medical attention as soon as possible.

INGESTION:

If material has been swallowed, do not induce vomiting. Get medical attention immediately

SECTION 5: FIRE FIGHTING MEASURES

FLASHPOINT: (>149 C) **AUTO IGNITION TEMP :** N/A

FLAMMABLE LIMITS IN AIR LOWER UPPER
% BY VOLUME N/A N/A

EXTINGUISHING MEDIA:

Use water spray to cool fire exposed surfaces and to protect personnel. Use foam, dry chemical or water spray (fog) to extinguish fire.

SPECIAL FIRE FIGHTING PROCEDURES:

When fighting fires wear full turnout gear and self contained breathing apparatus. Water may cause splattering. Material floats on water.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Toxic fumes gases or vapors may evolve on burning.

HAZARD RATINGS: NFPA 704: Health: 1 Fire: 1 Reactivity: 0
HMIS: Health: Fire: Reactivity:

SECTION 6: ACCIDENTAL RELEASE MEASURES

STEPS TO TAKE IF MATERIAL IS RELEASED OR SPILLED:

Personal protective equipment should be worn. Ventilate area if confined or poorly ventilated. Contain with dikes or absorbent to prevent migration to sewers/streams. Take up small spill with dry chemical absorbent; large spills may require pump or vacuum prior to absorbent. May require excavation of severely contaminated soil. Avoid contact with skin and eyes.

SECTION 7: HANDLING AND STORAGE

HANDLING & STORING:

Store in closed container away from all ignition sources. Handling temperatures should not exceed 80°C. Wash thoroughly after handling. Do not store at temperatures, exceeding 45°C. Odorous and toxic fumes may form from the decomposition of this product if stored at excessive temperatures for extended periods of time. Open containers carefully and only in well ventilated areas or use appropriate respiratory protection. Store in well ventilated area..

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS:

Ventilate to control mists and vapors below exposure limits.

RESPIRATORY EQUIPMENT:

Normally not required, if exposure limits are exceeded use a NIOSH approved organic vapor respirator. Self-contained breathing apparatus is recommended for entry into confined spaces or other poorly ventilated areas and for large spill clean-ups sites.

EYE PROTECTION:

Chemical goggles or face shield recommended to minimize eye contact.

PROTECTIVE CLOTHING:

Imperious (nitrile) gloves recommended when handling material to minimize exposure. Long sleeve shirts, chemically protective aprons and chemically protective boots are recommended for contact exposure or spill clean-up. Do not wear watches, rings, or similar apparel that could entrap the material to the skin.

OTHER (SAFETY SHOWERS, EYE, WASH STATIONS, ETC.)

Water should be available for flushing and washing when exposure exists. Launder soiled clothes. Discard shoes or other leather articles saturated with the material.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Semi-solid gel, smooth texture, may contain dye
petroleum odor

ODOR: Mild

BOILING POINT: N/D

0.8800-0.9200

SPECIFIC GRAVITY(water=1):

VAPOR PRESSURE: Insoluble
N/D

VAPOR DENSITY: (air=1):

SOLUBLE IN WATER:
(ether=1): <1

EVAPORATION RATE:

pH: N/D

SECTION 10: STABILITY AND REACTIVITY

STABILITY:

STABLE X (At room temperature and pressure. See handling and storage section).

INCOMPATIBILITY:

CONDITIONS TO AVOID: See handling and storage section.

MATERIALS TO AVOID : Acids, oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Smoke, carbon monoxide, aldehydes, hydrogen sulfide and alkyl mercaptans may be released. Under combustion conditions, oxides of the following elements will be formed: nitrogen, sulfur, carbon, lithium.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION 11: TOXICOLOGICAL INFORMATION

NOTE: BOSS Lubricants has not conducted specific toxicity tests on this product.

SECTION 12: ECOLOGICAL INFORMATION

NOTE: Boss Lubricants has not conducted specific ecological tests on this product.

SECTION 13: DISPOSAL CONSIDERATION

WASTE DISPOSAL PROCEDURES :

Place contaminated materials in a disposable container and dispose of in accordance with local, Provincial and Federal environmental regulations.

SECTION 14: TRANSPORT INFORMATION

DOT PROPER SHIPPING NAME: N/A

DOT HAZARD CLASS: N/A

DOT IDENTIFICATION NUMBER : N/A

DOT EMER. RESPONSE

GUIDE NO: N/A

SECTION 15: REGULATORY INFORMATION

This product does not contain toxic chemicals to the reporting requirements of SARA Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of CFR 372.

CAS NUMBER

CHEMICAL NAME:

PERCENT BY WEIGHT

SARA SECTION 311-312 HAZARD CATEGORIES (40 CFR 370.2):

FIRE: NO **SUDDEN RELEASE OF PRESSURE :** NO **REACTIVE:** NO **ACUTE:** NO
CHRONIC: NO

Section 16: OTHER INFORMATION

The information presented herein has been compiled from sources considered to be dependable and is accurate to the best of BOSS Lubricants knowledge, however BOSS makes no warranty whatsoever, expressed or implied of merchantability or fitness for the particular purpose, regarding the accuracy of such data or the results to be obtained from the use thereof. BOSS LUBRICANTS assumes no responsibility for injury to recipient or to third persons for any damage to any property and recipient assumes all such risks.

Section 17: MSDS PREPARATION

DATE: January 1, 2010

Prepared by: Technical Services
BOSS Lubricants Ltd.

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