

GROWMARK, Inc.
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Council Bluffs, IA 51503
800-798-6457

Material Safety Data Sheet

SECTION 1: CHEMICAL **PRODUCT** and COMPANY **IDENTIFICATION**

Revised: 01/27/09

PRODUCT NAME: UNITED SYNTHETIC GEAR 75W-90
ROADRANGER AXLE LUBRICANT
PRODUCT DESCRIPTION: AUTOMOTIVE LUBRICANTS
SYNONYMS: HENKEL 2837 EMERY 2837
CASRN: Trade Secret Blend

SECTION 2: COMPOSITION/INFORMATION ON
INGREDIENTS -----

CHEMICAL	CONCENTRATION (Wt.%)	EXPOSURE LIMITS
Proprietary Blend	100 %	NO PEL/TLV ESTABLISHED

SECTION 3: HAZARDS
IDENTIFICATION -----

Emergency
Overview
Non-hazardous under normal conditions
of use.
Dark Colored
Liquid

SKIN CONTACT:

Similar materials are not classified as skin irritants. The skin irritation score for this substance has not been determined.

EYE CONTACT:

Similar materials are not classified as eye irritants. The eye irritation score for this substance has not been determined.

INHALATION:

Inhalation of mist may cause irritation of the respiratory system

INGESTION:

May be harmful if swallowed in large quantities.

CHRONIC

EFFECTS: None known.

OTHER HEALTH **EFFECTS:**

No carcinogenicity, mutagenicity or teratogenicity are known. No effects of chronic exposure or target organ effects are known. **No** exposure limits have been established for this product.

PRIMARY **ROUTES** of EXPOSURE:

Skin

SECTION 4: FIRST AID MEASURES -----

SKIN CONTACT:

Wash affected area with soap and water

EYE CONTACT:

Immediately flush eyes with plenty of cool water for at least **15** minutes. Do not let victim rub eyes. Get medical attention if irritation develops.

INHALATION-

immediately remove victim to fresh air. if victim has stopped breathing give artificial respiration, preferably, mouth to mouth. Get medical attention immediately.

INGESTION:

Do not induce vomiting. If victim is conscious and able to swallow, promptly have victim drink water to dilute. Do not give sodium bicarbonate, fruit juices or vinegar. Never give anything by mouth if victim is unconscious or having convulsions. Call a physician or poison control center immediately.

SECTION 5: FIRE FIGHTING

MEASURES -----

Flash Point: 400 Deg F (Pensky-Martens Closed Cup)

LFL: Not Determined UFL: Not Determined
AUTOIGNITION TEMP: Not Determined

RECOMMENDED **EXTINGUISHING** MEDIA:

Carbon dioxide, Dry chemical, Foam, Water spray

SPECIAL FIRE FIGHTING PROCEDURES:

Use water spray, dry chemical, foam or carbon dioxide. Water may be ineffective but should be used to keep fire exposed containers cool. If a spill or leak has not ignited, use water spray to disperse the

vapors. Water spray may be used to flush spills away from fire.

UNUSUAL FIRE OR EXPLOSION HAZARDS:

Perform only those fire fighting procedures for which you have been trained. Firefighters should wear self contained breathing apparatus in the positive pressure mode with a full facepiece when there is a possibility of exposure to smoke, fumes or hazardous decomposition products.

HAZARDOUS COMBUSTION PRODUCTS:

Decomposition may produce oxides of carbon, nitrogen, sulfur and phosphorus.

SECTION 6: 'ACCIDENTAL RELEASE

MEASURES

STEPS TO TAKE IN CASE OF SPILL OR LEAK:

Add dry material to absorb spill (if large spill, dike to contain). Using recommended protective equipment, pick up bulk of spill and containerize for recovery or disposal. Flush area with water to remove residues.

SECTION 7: HANDLING AND STORAGE

No special precautions necessary. Avoid container damage while handling and storing.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

EYE PROTECTION:

Safety glasses with side shields

SKIN

PROTECTION:

Rubber gloves

RESPIRATORY PROTECTION:

if exposed to aerosol or mist, wear NIOSH approved Category 23C respirator, excluding single use or disposable respirators in

accordance with 30CFR 11(i). The respirator shall be equipped with combination cartridges approved for paints, enamels and lacquers unless air-supplied respirator is selected. Use of respirator shall be according to 29 CFR

~~ENGINEERING~~ and 30 CFR 11.

CONTROLS General

ventilation.

SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid
APPEARANCE: Dark Colored Liquid
ODOR: Pungent
ODOR THRESHOLD: NID
pH: Not Determined
MELTING POINT: NID Deg C
BOILING POINT: NID Deg C
SPECIFIC GRAVITY: 0.91
SOLUBILITY IN WATER: Insoluble
PERCENT VOLATILES(by Wt.): NID at 70 Deg F.
VAPOR DENSITY: Not Determined
VAPOR PRESSURE: Not Determined
EVAPORATION RATE(N-BUTYL ACETATE=I): Not determined
VOC CONTENT(EPA Method 24):
NID_%-----

SECTION 10: STABILITY AND
REACTIVITY -----
STABILITY: Normally
Stable
HAZARDOUS POLYMERIZATION: Will not occur.
INCOMPATIBLE MATERIALS:
Strong acids, bases and oxidizing agents.

CONDITIONS TO AVOID:
Avoid contact with heat, sparks, flame and **all** sources of ignition
HAZARDOUS DECOMPOSITION PRODUCTS:
Decomposition may-produce oxides of carbon, nitrogen, sulfur and phosphorus.

SECTION 11: TOXICOLOGICAL INFORMATION -----

No toxicity information available or testing conducted on this product. Any health or toxicological information included in Section 3 was based on data associated with the components or an analogous product.

SECTION 12: ECOLOGICAL INFORMATION -----

ECOLOGICAL
TOXICITY Not Determined
ENVIRONMENTAL FATE:
Not Determined

SECTION 13: DISPOSAL CONSIDERATIONS -----

All recovered material should be packaged, labeled, transported, and disposed or reclaimed in conformance with applicable laws and regulations and in conformance with Good Engineering Practices. **Avoid** landfilling of liquids. Reclaim where possible.

SECTION 14: TRANSPORTATION INFORMATION . . ----

PROPER SHIPPING NAME: Not regulated for highway transportation UN/NA: N/A-.
DOT HAZARD CLASS: Not Determined
DOT HAZARDOUS MATERIALS:
Not Applicable
EMERGENCY RESPONSE GUIDE NUMBER: Not Determined
PACKAGING GROUP: Not Determined

SECTION 15: REGULATORY INFORMATION --

TSCA INVENTORY STATUS-
This product and/or all of its components are included on the TSCA Inventory of Chemical Substances.

TSCA 12(b) COMPON=S None

SARA 311/312 MAZARD
CATEGORIES: None
SARA 313 TOXIC
CHEMICALS: None

SARA 302 EXTREMELY HAZARDOUS
SUBSTANCES: None

CERCLA HAZARDOUS
SUBSTANCES: Beta < 0.0001
Naphthylamine(91598) %
CALIFORNIA PROPOSITION 65 COMPONENTS:
WARNING ! This product contains a chemical (or chemicals) known to the State of California to cause cancer, birth defects and/or other reproductive harm.
Beta Naphthylamine(91598) < 0.0001 %

SECTION 16: OTHER INFORMATION -----

HMIS RATINGS: HEALTH: I FLAMMABILITY: I 0
REACTIVITY

Inquiries regarding MSDS should be directed to:
GROWMARK, INC.
Manager, Safety and Insurance Services
1701 Towanda Avenue
Bloomington, IL 61702
309-557-6000