MATERIAL SAFETY DATA SHEET

Shell

S-11765-1 (2-80)

JUN 16 1982

DPM 326

MSDS NUMBER ▶ 56,170-1

SECTION I	NAME
PRODUCT ▶	AEROSHELL® Grease 7
CHEMICAL/ SYNONYMS ▶	Lubricating Grease
CHEMICAL FAMILY ▶	Synthetic Ester
SHELL CODE ▶ 70149	C.A.S. NUMBER ▶ Mixture

24 HOUR EMERGENCY ASSISTANCE

SHELL 713-473-9461
CHEMTREC 800-424-9300

HAZARD RATING

LEAST 0 — SLIGHT 1 — MODERATE 2 — HIGH 3 — EXTREME 4

HEALTH	1
FIRE	1
REACTIVITY	0

SECTION II — INGREDIENTS

COMPOSITION	%	TOXICITY DATA
AEROSHELL Grease 7	100	Not Determined
Synthetic Ester	87	Oral LD_{50}, rat = 6-12 g/kg
Inorganic Clay Thickener	6	
Fatty Amides	[illegible]	
Aromatic Amines	2	Oral LD_{50}, rat = 1.6 g/kg
Dicarboxylic Acid	0.5	
Mineral Acid	0.5	
Sodium Hydroxide	<0.5	
Phenolic Imine	<0.1	Oral LD_{50}, rat = 4.5 g/kg

SECTION III — HEALTH INFORMATION

Prolonged or repeated contact may produce skin irritation.

SECTION IV — OCCUPATIONAL EXPOSURE LIMITS

None established.

SECTION V — EMERGENCY AND FIRST AID PROCEDURES

SKIN: Remove product by wiping or applying waterless hand cleaner, followed by washing with soap and water.

EYE: Flush with water for at least 15 minutes.

INGESTION: Consult medical personnel.

SECTION VI — PHYSICAL DATA

BOILING POINT (°F) ▶ N.A.	MELTING POINT (°F) ▶ N.A.	VAPOR PRESSURE (mmHg) ▶ N.A.
SPECIFIC GRAVITY (H_2O = 1) ▶ N.A.	% VOLATILE BY VOLUME ▶ N.A.	VAPOR DENSITY (AIR = 1) ▶ N.A.
SOLUBILITY IN WATER ▶ Negligible	EVAPORATION RATE (BUTYL ACETATE = 1) ▶ N.A.	N.A. = Not Available

APPEARANCE AND ODOR
Buff colored, smooth buttery grease. Slight odor.

SECTION VII — FIRE AND EXPLOSION HAZARDS

FLASH POINT AND METHOD USED	FLAMMABLE LIMITS/% VOLUME IN AIR ▶	LOWER	UPPER
420°F COC for synthetic ester		N.A.	N.A.

EXTINGUISHING MEDIA
Dry chemical type preferred.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS
None special.

UNUSUAL FIRE AND EXPLOSION HAZARDS
None unusual.

SECTION VIII — REACTIVITY

STABILITY ▶ ☐ UNSTABLE ☒ STABLE

HAZARDOUS POLYMERIZATION ▶ ☐ MAY OCCUR ☒ WILL NOT OCCUR

CONDITIONS AND MATERIALS TO AVOID

None special.

HAZARDOUS DECOMPOSITION PRODUCTS

NO_x, CO and other unidentified oxygenates can be formed during combustion.

SECTION IX — EMPLOYEE PROTECTION

RESPIRATORY PROTECTION

Use NIOSH approved respiratory protection as required to minimize exposure to hot vapors.

PROTECTIVE CLOTHING

Use impervious gloves and other clothing as needed to minimize skin contact.

ADDITIONAL PROTECTIVE MEASURES

None special.

SECTION X — ENVIRONMENTAL PROTECTION

SPILL OR LEAK PROCEDURES

Scoop up excess grease. Clean area with appropriate cleaner.

WASTE DISPOSAL

Bury or incinerate in compliance with appropriate regulations.

ENVIRONMENTAL HAZARDS

None special.

Material Safety Data Sheet

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SECTION XI — SPECIAL PRECAUTIONS

Launder contaminated clothing before using. Wash before eating or smoking. Minimize skin contact.

Observe good personal hygiene.

SECTION XII — TRANSPORTATION REQUIREMENTS

DEPARTMENT OF TRANSPORTATION CLASSIFICATION ▶

☐ FLAMMABLE LIQUID	☐ COMBUSTIBLE LIQUID	☐ OXIDIZING MATERIAL	☐ NON-FLAMMABLE GAS
☐ FLAMMABLE SOLID	☐ POISON, CLASS A	☐ CORROSIVE MATERIAL	☒ NOT HAZARDOUS BY D.O.T. REGULATIONS
☐ FLAMMABLE GAS	☐ POISON, CLASS B	☐ IRRITATING MATERIAL	☐ OTHER—*Specify below*

D.O.T. PROPER SHIPPING NAME

None

OTHER REQUIREMENTS

Bill of Lading Commodity Description: Lubricating Grease NOI

SECTION XIII — OTHER REGULATORY CONTROLS

EPA, FDA, OSHA, USDA, CPSC, Etc.

The information contained herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.
Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Additionally, vendor assumes no responsibility for injury to vendee or third persons proximately caused by abnormal use of the material even if reasonable safety procedures are followed. Furthermore, vendee assumes the risk in his use of the material.

Come to Shell for answers

Manager
SHELL OIL COMPANY
PRODUCT SAFETY AND COMPLIANCE
OIL AND CHEMICAL PRODUCTS
P. O. BOX 4320
HOUSTON, TEXAS 77210

DATE PREPARED

April 9, 1980