

SOUTHWESTERN PETROLEUM CORP -- H I PLUS GREASE 105,BARIUM GREASE 105/NO 2 --  
9150-01-345-6145

===== Product Identification =====

Product ID:H I PLUS GREASE 105,BARIUM GREASE 105/NO 2

MSDS Date:04/22/1994

FSC:9150

NIIN:01-345-6145

MSDS Number: BTRBQ

=== Responsible Party ===

Company Name:SOUTHWESTERN PETROLEUM CORP

Address:534 N MAIN ST

Box:789

City:FORT WORTH

State:TX

ZIP:76106

Country:US

Info Ph

one Num:817-332-2336

Emergency Phone Num:817-332-2336/800-424-9300(CHEMTREC)

CAGE:14392

=== Contractor Identification ===

Company Name:SOUTHWESTERN PETROLEUM CORP

Address:534 N MAIN ST

Box:961005

City:FORT WORTH

State:TX

ZIP:76106

Country:US

Phone:817-348-7235

CAGE:14392

===== Composition/Information on Ingredients =====

Ingred Name:PETROLEUM LUBRICATING OIL BASE STOCK

CAS:64742-57-0

Fraction by Wt: >=70%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:5 MG/M3 AS OIL MIST

ACGIH TL

V:5 MG/M3 AS OIL MIST

Ingred Name:MINERAL OIL, PETROLEUM DISTILLATE, SOLVENT REFINED (MILD),  
HEAVY NAPHTHENIC (CARCENOGENIC - IARC)

CAS:64741-96-4

RTECS #:PY8040000

Fraction by Wt: 179C

Autoignition Temp:Autoignition Temp Text:>649F

Lower Limits:0.9

Upper Limits:7

Extinguishing Media:USE CARBON DIOXIDE, FOAM, WATER SPRAY OR DRY  
CHEMICAL. WATER SPRAY MAY BE USED TO FLUSH SPILLS AWAY FROM  
EXPOSURES.

Fire Fighting Procedures:WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A  
FULL FACED

SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED  
CONTAINERS WITH WATER SPRAY.

Unusual Fire/Explosion Hazard:WATER OR FOAM MAY CAUSE FROTHING.

===== Accidental Release Measures =====

Spill Release Procedures:ELIMINATE SOURCES OF IGNITION. STOP LEAK. DIKE  
SPILLS. USE PUMP TO TRANSFER LARGE SPILLS TO CONTAINER FOR  
DISPOSAL. REMAINING LIQUID/SMALL SPILLS CAN BE TAKEN UP ON SAND,  
CLAY, EARTH & SHOVELD INTO CO NTAINERS. PREVENT RUN-OFF TO ENTER  
WA

TERWAYS.

Neutralizing Agent:NOT RELEVANT

===== Handling and Storage =====

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE AWAY FROM  
OXIDIZERS. DO NOT TRANSFER TO AN UNMARKED CONTAINER.

Other Precautions:USE ONLY IN WELL VENTILATED AREAS. AVOID PROLONGED/  
REPEATED BREATHING OF FUMES/MISTS. AVOID CONTACT WITH EYES AND  
SKIN. DO NOT TAKE INTERNALLY. WASH THOROUGHLY AFTER USING. KEEP OUT  
OF REACH OF CHILD REN.

===== Exposure C  
ontrols/Personal Protection =====

Respiratory Protection:USE ONLY IN WELL VENTILATED AREA. IF EXCESSIVE  
MISTING PRESENT, USE NIOSH-APPROVED SELF-CONTAINED BREATHING  
APPARATUS.

Ventilation:ADEQUATE

Protective Gloves:RUBBER OR LATEX

Eye Protection:GOGGLES OR FACE SHIELD

Other Protective Equipment:EYE WASH STATION AND PROTECTIVE CLOTHING

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND  
RECOMMENDED PROCEDURES.

Supplemental Safety and Health

ANTIDOTE:DRINK A S

OLUTION OF SODIUM SULFATE OR GLAUBER'S SALTS TO  
CONVERT BARIUM ION TO THE INSOLUBLE, HARMLESS BARIUM SULFATE.  
CONTAINS CHEMICAL THAT IS SUBJECT TO REPORTING REQMTS OF SEC 313 OF  
TITL E III OF SARA & 40 CFR 372 AS BARIUM CMPD.

===== Physical/Chemical Properties =====

HCC:T6  
NRC/State Lic Num:NOT RELEVANT  
Vapor Density:>5  
Spec Gravity:0.9  
Evaporation Rate & Reference:NOT RELEVANT  
Solubility in Water:INSOLUBLE  
Appearance and Odor:AMBER COLOR - LUBE OIL  
ODOR  
Percent Volatiles by Volume:NONE

===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:HEAT AND IGNITION SOURCES

===== Disposal Considerations =====

Waste Disposal Methods:LAND FILL OR INCINERATE IN ACCORDANCE WITH ALL  
APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS. DO NOT ALLOW  
MATERIAL ENTERS SEWERS.

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