

RINCHEM COMPANY, INC -- GRIGGS P/N T0058 -- 8010-01-165-6760

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

Product ID:GRIGGS P/N T0058

MSDS Date:02/26/1991

FSC:8010

NIIN:01-165-6760

MSDS Number: BQYKY

=== Responsible Party ===

Company Name:RINCHEM COMPANY, INC

Address:4115 WEST TURNEY AVENUE

City:PHOENIX

State:AZ

ZIP:85019

Country:US

Info Phone Num:602-233-2000

Emergency Phone Num:602-233-2000/ 800-424-9300

CHEMTREC

CAGE:NO109

=== Contractor Identification ===

Company Name:RINCHEM COMPANY INC

Address:4115 W TURNEY AVENUE

Box:City:PHOENIX

State:AZ

ZIP:85019

Country:US

Phone:602-223-2000

CAGE:0KU90

Company Name:RINCHEM COMPANY, INC

Address:4115 WEST TURNEY AVENUE

City:PHOENIX

State:AZ

ZIP:85019

Country:US

Phone:602-233-2000

CAGE:NO109

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

Ingred Name:AROMATIC HYDROCARBONS (TARGET ORGANS: LIVER, KIDNEY, SKIN)
(FLAMMABLE)

Fraction

by Wt: 20%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:125 PPM

Ingred Name:KETONES
Fraction by Wt: 30%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:200 PPM

Ingred Name:ESTERS (TARGET ORGANS: SKIN, EYES, RESPIRATORY SYSTEM)
(FLAMMABLE)
Fraction by Wt: 50%
Other REC Limits:NONE SPECIFIED
ACGIH TLV:400 PPM

===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Health Hazards Acute and Chronic:ACUTE; INGESTION: CAUSES NAUSEA,
VOMITING, HEADACHE, DIZZINESS, STUPOR, ASPIRATION PNEUMONITIS. SKIN
ABSORPTION: SLIGHTLY IRRITATING TO SKIN. INHALATION: CAUSE
HEADACHE, DIZZINESS, NAUSEA, VOMITING, V APORS MAY IRRITATE EYES,
NOSE, THROAT. EYE CONTACT: CAUSES MODERATE EYE IRRITATION.
Effects of Overexposure:CHRONIC; SKIN ABSORPTION: PROLONGED OR REPEATED
CONTACT CAN RESULT IN DRYING AND DEFATTING OF SKIN LEADING TO
DERMATITIS.

===== First Aid Measures =====

First A
id:INGEST: DONT INDUCE VOMITING, IF OCCURS, KEEP HEAD BELOW HIPS
TO PREVENT ASPIRATION. GET MED AID. SKIN: REMOVE CONTAM CLOTHING &
SHOES. WASH SKIN WITH SOAP & WATER. SEE DR IF IRRITATION PERSISTS.
INHA L: REMOVE TO FRESH AIR. PROVIDE OXYGEN IF BREATHING DIFFICULT.
GIVE ARTIFICIAL RESPIRATION IF BREATHING STOPPED. SEE DR. EYES:
FLUSH WITH WATER FOR AT LEAST 15 MIN. IF IRRITATION PERSISTS, SEE
DR.

===== Fire Fighting Measures =====

Flas

h Point Method:TCC

Flash Point:40.0F,4.4C

Autoignition Temp:Autoignition Temp Text:474 F

Lower Limits:1.4

Upper Limits:9.2

Extinguishing Media:CARBON DIOXIDE, DRY CHEMICAL FOAM, WATER SPRAY

Fire Fighting Procedures:SELF-CONTAINED BREATHING APPARATUS RECOMMENDED

Unusual Fire/Explosion Hazard:VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL A CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK.

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

Spill Release Procedure

s:SHUT OFF AND ELIMINATE ALL IGNITION SOURCES.

ABSORB LARGE SPILLS WITH ABSORBENT CLAY, DIATOMACEOUS EARTH, OR OTHER SUITABLE ABSORBENT

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

Handling and Storage Precautions:STORE IN COOL, CLEAN, WELL VENTILATED STORAGE ROOM. KEEP AWAY FORM HEAT AND FLAME. USE ONLY IN WELL VENTILATED AREA.

Other Precautions:DO NOT CUT, WELD, DRILL, OR SOLDER CONTAINER, EMPTY OR FULL; CONTAINERS MAY EXPLODE AND CAUSE INJURY OR DEATH.

FLAMMABLE. KEEP AWAY FROM HEAT, SPARKS, OPEN FLAMES, OTHER IGNITION SOURCES. HARMFUL IF S WALLOVED. DO NOT INDUCE VOMITING.

===== Exposure Controls/Personal Protection =====

Respiratory Protection:SELF-CONTAINED BREATHING APPARATUS IN HIGH CONCENTRATIONS.

Ventilation:EXPLOSION-PROOF LOCAL OR MECHANICAL VENTILATION.

Protective Gloves:CHEMICAL RESISTANT RUBBER GLOVES.

Eye Protection:SAFETY GOGGLES, FACE SHIELD.

Other Protective Equipment:EYE BATH, SAFETY SHOWER

Supplemental Safety and Health

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

Boiling Pt:B.P. Text:179F,82C

Vapor Pres:53 @ 20C

Vapor Density:3.0

Spec Gravity:.878 (WATER=1)

Evaporation Rate & Reference:1.18 (BU AC=1)

Solubility in Water:14.4 % BY VOLUME

Appearance and Odor:COLORLESS

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS

Stability Condition to Avoid:EXTREME HEAT, SPARKS, OPEN

FLAMES, OTHER
IGNITION SOURCES

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE,
AND LOCAL REGULATIONS.

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