

SAN JUAN INTERNATIONAL,INC. -- HYDRAULIC FLUID, ARRESTING GEAR, MIL-H-5559A --
9150-00-243-1987

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

Product ID:HYDRAULIC FLUID, ARRESTING GEAR, MIL-H-5559A

MSDS Date:10/06/1998

FSC:9150

NIIN:00-243-1987

MSDS Number: BTGDV

=== Responsible Party ===

Company Name:SAN JUAN INTERNATIONAL,INC.

Address:27 INDUSTRIAL DRIVE

City:TRENTON

State:NJ

ZIP:08619-3244

Country:US

Info Phone Num:609-586-9500

Emergency Phone Num:609-586-9500

CAGE:1E

J92

=== Contractor Identification ===

Company Name:RADIANT INTL LLC

Address:8501 N MOPAC BLVD

Box:201088

City:AUSTIN

State:TX

ZIP:78720-1088

Country:US

Phone:512-419-5224

Contract Num:SP0450-00-D-4021

CAGE:29913

Company Name:SAN JUAN INTERNATIONAL,INC.

Address:27 INDUSTRIAL DRIVE

City:TRENTON

State:NJ

ZIP:08619-3244

Country:US

Phone:609-586-9500

Contract Num:SP0450-99-M-B031

CAGE:1EJ92

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

Ingred Name:ETHYLENE GLYCOL (SARA III)

C

AS:107-21-1
RTECS #:KW2975000
= Wt:95.
Other REC Limits:NONE RECOMME
ACGIH TLV:C 50 PPM,VAPOR; 9394
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

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

LD50 LC50 Mixture:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:INGESTION MAY CAUSE ABDOMINAL
DISCOMFORT, PAIN, DIZZINESS, MALAISE, LUMBAR PAIN, OLIGURIA,
UREMIA, DEPRESSION, KIDNEY DAMAGE. INHALATION IN NOSE & THROAT MAY
CAUSE NAUSEA, VOMITING, HEADACHE & DIZZINE SS.
Explanation of Carcinogenicity:DLA-HMIS: THIS COMPOUND CONTAINS NO
INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE
CARCINOGENS OR SUSPECT CARCINOGENS.
Effects of Overexposure:INGESTION MAY CAUSE ABDOMINAL DISCOMFORT, PAIN,
DIZZINESS, MALAISE, LUMBAR PAIN, OLIGURIA, UREMIA, DEPRESSION,
KIDNEY DAMAGE. INHALATION IN NOSE & THROAT MAY CAUSE NAUSEA,
V
OMITING, HEADACHE AND DIZZI NESS.
Medical Cond Aggravated by Exposure:NO DATA PROVIDED BY RESPONSIBLE
PARTY.

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

First Aid:SWALLOWING-IF CONSCIOUS GIVE TWO GLASSES OF WATER AND INDUCE
VOMITING. CALL A PHYSICIAN IMMEDIATELY. SKIN-REMOVE CONTAMINATED
CLOTHING, FLUSH SKIN WITH WATER. INHALATION-REMOVE TO FRESH AIR,
CALL A PH YSICIAN IF DISCOMFORT PERSISTS. EYES-FLUSH WITH WATER
IMMEDIATELY, CONTINUE RINSING FOR S
EVERAL MINUTES.

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

Flash Point Method:TCC
Flash Point:=121.1C, 250.F
Lower Limits:3.2
Upper Limits:15.3
Extinguishing Media:ALCOHOL FOAM, WATER FOG, FOAM, CARBON DIOXIDE AND
DRY CHEMICAL
Fire Fighting Procedures:USE SELF-CONTAINED BREATHING APPARATUS AND
PROTECTIVE CLOTHING.
Unusual Fire/Explosion Hazard:NONE.

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

Spill Release Procedures:WEAR NIOSH APPROV

ED RESPIRATORY AND PROTECTIVE
EQUIPMENT. DIKE. REMOVE LIQUID WITH VACUUM TRUCK OR BY PUMPING
INTO SALVAGE DRUM. SOAK UP RESIDUES AND SMALL SPILLS WITH ABSORBENT
MATERIAL, PUT IN TIGHTLY CLOSED CONTAINERS. FLUSH AWAY TRACES WITH
WATER. KEEP FROM SEWERS AND WATERWAYS.
Neutralizing Agent:NOT APPLICABLE.

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

Handling and Storage Precautions:STORE IN A COOL, DRY PLACE.
Other Precautions:NO DATA PROVIDED BY RESPONSIBLE
PARTY.

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

Respiratory Protection:NIOSH APPROVED BREATHING AIR EQUIPMENT OR NIOSH
APPROVED MASK WITH ORGANIC VAPOR CARTRIDGE & DUST OR MIST
PRE-FILTER. NOT FOR USE IN FIRE FIGHTING.
Ventilation:GENERAL (MECHANICAL) ROOM VENTILATION.
Protective Gloves:PVC GLOVES.
Eye Protection:FACE SHIELD/GOGGLES.
Other Protective Equipment:EYE BATH AND SAFETY SHOWER.
Work Hygienic Practices:WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT

AND BEFORE EATING DRINKING OR SMOKING.
Supplemental Safety and Health
NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

HCC:V5
Boiling Pt:=173.9C, 345.F
Melt/Freeze Pt:=-20.6C, -5.F
Vapor Pres:0.06
Vapor Density:2.1
Spec Gravity:1.13
pH:7.8
Viscosity:1.88 @ 20C
Evaporation Rate & Reference:0.01 (BUTYL ACETATE=1)
Solubility in Water:COMPLETE
Appearance and Odor:CLEAR TO LIGHT AMBER LIQUID. CLEAR TO LIGHT BLUE.

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Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES
STRONG OXIDIZING AGENTS
Stability Condition to Avoid:NONE
Hazardous Decomposition Products:CARBON MONOXIDE AND UNIDENTIFIED
ORGANIC COMPOUNDS MAY BE FORMED DURING COMBUSTION.

===== Toxicological Information =====

Toxicological Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Ecological Information =====

Ecological:NO DATA PROVIDED BY RESPONSIBLE PARTY.

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

Waste Disposal Methods:INCINERATE IN A FURNACE WHERE PERMITTED UNDER
FEDERAL AND LOCAL REGULATIONS. AT VERY LOW CONCENTRATIONS PRODUCT
IS READILY BIODEGRADABLE IN A BIOLOGICAL WASTE WATER TREATMENT
PLANT.

===== MSDS Transport Information =====

Transport Information:HAZARD CLASS: COMBUSTIBLE LIQUID. LABELS: NONE.
UNIT CONTAINER: 55 GAL DRUM. SHELF-LIFE:
24 MONTHS.

===== Regulatory Information =====

SARA Title III Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.
Federal Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.
State Regulatory Information:NO DATA PROVIDED BY RESPONSIBLE PARTY.

===== Other Information =====

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