

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

Inf

o Phone Num:609-586-9500

Emergency Phone Num:609-586-9500

CAGE:1EJ92

=== 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 Ingr

Ingredients =====

Ingredient Name:ETHYLENE GLYCOL (SARA III)

CAS: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, K

IDNEY DAMAGE. INHALATION IN NOSE & THROAT MAY CAUSE NAUSEA, VOMITING, 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 PERSIS

TS. EYES-FLUSH WITH WATER

IMMEDIATELY, CONTINUE RINSING FOR SEVERAL 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 Measure

S =====

Spill Release Procedures:WEAR NIOSH APPROVED 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

R TO LIGHT AMBER LIQUID. CLEAR TO LIGHT BLUE.

===== 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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