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ITW FLUID PRODUCTS GROUP -- STEEL RED; SP-1196,SP-1456 -- 6850-01-088-6507

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

Product ID:STEEL RED; SP-1196,SP-1456

MSDS Date:11/24/1997

FSC:6850

NIIN:01-088-6507

Status Code:A

MSDS Number: CKZVR

=== Responsible Party ===

Company Name:ITW FLUID PRODUCTS GROUP

Address:3624 W. LAKE AVENUE

City:GLENVIEW

State:IL

ZIP:60025

Country:US

Info Phone Num:800-443-9536

Emergenc

y Phone Num:800-443-9536

Resp. Party Other MSDS Num.:FORMULA KEY: -8704A; 16 OZ AEROSOL

Preparer's Name:VILMA HOLMGREN

Chemtrec Ind/Phone:(800)424-9300

CAGE:231BP

=== Contractor Identification ===

Company Name:ITW FLUID PRODUCTS GROUP

Address:3624 W. LAKE AVENUE

Box:City:GLENVIEW

State:IL

ZIP:60025

Country:US

Phone:800-452-5823

CAGE:231BP

Company Name:KOEBERT TOOL SALES INC

Address:121 HOLLY DR

Box:339

City:HATBORO

State:PA

ZIP:19040

Country:US

Phone:215-674-9622

Contract Num:SP0400-01-A-AC31

CA

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

Ingred Name:ETHANOL
CAS:64-17-5
RTECS #:KQ6300000
Minumum % Wt:31.
Maxumum % Wt:50.
OSHA PEL:1900 MG/M3;1000 PPM
ACGIH TLV:1880 MG/M3;1000 PPM

Ingred Name:BUTYL ACETATE
CAS:123-86-4
RTECS #:AF7350000
Minumum % Wt:11.
Maxumum % Wt:30.
OSHA PEL:150 PPM
OSHA STEL:200PPM
ACGIH TLV:150 PPM
ACGIH STEL:200 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:PROPANE
CAS:74-98-6
RTECS #:TX2275000
Minumum % Wt:11.
Maxu
mum % Wt:30.
OSHA PEL:1000 PPM

Ingred Name:ISOBUTANE
CAS:75-28-5
RTECS #:TI4300000
Minumum % Wt:11.
Maxumum % Wt:30.
OSHA PEL:1000 PPM

Ingred Name:NORMAL BUTYL ALCOHOL, 1-BUTANOL1-BUTANOL
CAS:71-36-3
RTECS #:EO1400000
Minumum % Wt:6.
Maxumum % Wt:10.
OSHA PEL:50 PPM, C,SKIN
ACGIH TLV:50 PPM C,SKIN
ACGIH STEL:C152 MG/M3;C50 PPM
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

Ingred Name:4-HYDROXY-4-METHYL-2-PENTANONE
CAS:123-42-2
RTECS #:SA9100000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:240 MG/M3;5

0 PPM
ACGIH TLV:50 PPM

Ingred Name:NITROCELLULOSE
CAS:9004-70-0
RTECS #:QW0970000
Minumum % Wt:1.
Maxumum % Wt:5.

Ingred Name:ISOPROPANOL
CAS:67-63-0
RTECS #:NT8050000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:400 PPM
OSHA STEL:500 PPM
ACGIH TLV:983 MG/M3;400 PPM
ACGIH STEL:1230 MG/M3;500 PPM

Ingred Name:NORMAL PROPYL ACETATE
CAS:109-60-4
RTECS #:AJ3675000
Minumum % Wt:1.
Maxumum % Wt:5.
OSHA PEL:1000 PPM
ACGIH TLV:835 MG/M3;200 PPM
ACGIH STEL:1040 MG/M3;250 PPM

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

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE: EYES: MAY CAUSE EYE IRRITATION.
SKIN: MAY CAUSE MODERATE SKIN IRRITATION. INHALATION: HIGH
CONCENTRATIONS OF VAPORS MAY PRODUCE IRRITATION OF THE RESPIRATORY
TRACT, HEADACHE, DIZZINESS, AND NAU SEA. INGESTION: MAY CAUSE
IRRITATION, HEADACHE, DIZZINESS, NAUSEA. ASPIRATION HAZARD.
CHRONIC: P
ROLONGED REPEATED OVEREXPOSURE TO THIS PRODUCT MAY LEAD
TO SKIN SENSITIZATION OR DERMATITIS.
Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT
CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT
CARCINOGENS.
Effects of Overexposure:EYES: IRRITATION. SKIN: IRRITATION,
SENSITIZATION, DERMATITIS. INHALATION: RESPIRATORY TRACT
IRRITATION, HEADACHE, DIZZINESS, NAUSEA. INGESTION: IRRITATION,
HEADACHE, DIZZINESS, NAUSEA, CHEMICAL PNEUM ONIA.

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Medical Condition Aggravated by Exposure: SKIN DISORDERS, RESPIRATORY DISORDERS MAY BE AGGRAVATED BY EXPOSURE.

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

First Aid: EYES: FLUSH WITH LARGE AMOUNTS OF WATER FOR 15 MINUTES. GET MEDICAL ATTENTION. SKIN: WASH AFFECTED AREA THOROUGHLY WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: MOVE PATIENT TO FRESH AIR. RESTORE BREATHING. KEEP WARM AND QUIET. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. CONTACT A PHYSICIAN IF VOMITING OCCURS. KEEP HEAD BELOW HIPS TO PREVENT ASPIRATION.

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

Flash Point: 1
Spec Gravity: 0.85 (H₂O=1)
VOC Grams/Liter: 6.75
Evaporation Rate & Reference: >1 (BUCA=1)
Solubility in Water: APPRECIABLE.
Appearance and Odor: RED TRANSPARENT, LOW VISCOSITY LIQUID WITH SWEET SOLVENT ODOR.

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

Stability Indicator/ Materials to Avoid: YES
STRONG OXIDIZING AGENTS.
Stability Condition to Avoid: HEAT, SPARKS, AND OPEN FLAME.
Hazardous Decomposition Products: OXIDES OF CARBON.

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

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.

===== MSDS Transport Information =====
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Transport Information: PROPER SHIPPING NAME: CONSUMER COMMODITY, ORM-D.

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

SARA Title III Information: INGREDIENTS SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III AND OF 40 CFR 372: NORMAL BUTYL ALCOHOL, (1-BUTANOL) CAS# 71-36-3;
State Regulatory Information: (CONTD. FROM "OTHER INFORMATION") IF SUBJECTED TO SUDDEN INGRESS OF AIR, OR OUTSIDE PROCESS EQUIPMENT OPERATING UNDER ELEVATED

PRESSURE IF SUDDEN ESCAPE OF VAPORS OR
MISTS TO THE ATMOSPHERE OCCURS. ANY PROPOSED USE OF THIS PRODUCT
IN ELEVATED-TEMPERATURE PROCESSES SHOULD BE THOROUGHLY EVALUTED TO
ASSURE THAT SAFE OPERATING CONDITIONS ARE ESTABLISHED AND
MAINTAINED.

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

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