

STARKEY CHEMICAL PROCESS CO -- ISOPAR G -- 6850-01-011-4937

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

Product ID:ISOPAR G

MSDS Date:02/27/1990

FSC:6850

NIIN:01-011-4937

MSDS Number: BKCGK

=== Responsible Party ===

Company Name:STARKEY CHEMICAL PROCESS CO

Address:9600 W OGDEN AVE

City:LAGRANGE

State:IL

ZIP:60525

Country:US

Info Phone Num:708-352-2565

Emergency Phone Num:708-352-2565

CAGE:7E171

=== Contractor Identification ===

Company Name:BELL & HOWELL CO BUSINESS EQ

UIPMENT GROUP

Address:6800 MCCORMICK ROAD

Box:City:CHICAGO

State:IL

ZIP:60645-2709

Country:US

Phone:312-539-7300

CAGE:17980

Company Name:STARKEY CHEMICAL PROCESS CO

Address:9600 W OGDEN AVE

Box:City:LAGRANGE

State:IL

ZIP:60525

Country:US

Phone:708-352-2565

CAGE:7E171

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

Ingred Name:HYDROTREATED HEAVY NAPHTHA - ISOPAR G

CAS:64742-48-9

Fraction by Wt: >99%

Other REC Limits:300 PPM (MFR)

===== Hazards Identificati

on =====

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:ACUTE-HIGH VAPOR CONCENTRATIONS(>1000 PPM)ARE IRRITATING TO THE EYES & RESPIRATORY TRACT,& MAY CAUSE HEADACHE,DIZZINESS,ANESTHESIA,DROWSINESS,UNCONSCIOUSNESS & DEATH.PROLONGED SKIN CONTACT MAY CAUSE D ERMATITIS.IT HAS A LOW ORDER OF ACUTE ORAL & DERMAL TOXICITY,BUT MINUTE AMOUNTS ASPIRATED INTO THE LUNGS MAY CAUSE DEATH
Effects of Overexposure:IRRITATION OF EYES AND SKIN, DIZZINESS, UNCONSCIOUSNES.
Medical Cond Aggravated by Exposure:SKIN CONTACT MAY AGGRAVATE AN EXISTING DERMATITIS.

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

First Aid:CALL A PHYSICIAN. INHALATION:REMOVE TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. EYE:FLUSH WITH WATER FOR 15 MINUTES OR UNTIL IRRITATION SUBSIDES. SKIN:REMOVE ANY CONTAMINATED CLOTHING AND WASH SKIN THORO UGHLY WITH SOAP & W
ATER. INGESTION:DO NOT INDUCE VOMITING. CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point Method:TCC
Flash Point:100F,38C
Autoignition Temp:Autoignition Temp Text:560F
Lower Limits:0.8
Upper Limits:7
Extinguishing Media:WATER SPRAY,CARBON DIOXIDE,FOAM,DRY CHEMICAL & VAPORIZING LIQUID TYPE EXTINGUISHING AGENTS.WATER MAY BE INEFFECTIVE.
Fire Fighting Procedures:USE SUPPLIED-AIR BREATHING EQUIPMENT FOR ENCLOSED OR CONFIN
ED SPACES WHEN FIGHTING FIRE OF THIS PRODUCT.USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIR
Unusual Fire/Explosion Hazard:FUMES,SMOKE,CARBON MONOXIDE,ALDEHYDES AND OTHER DECOMPOSITION PRODUCTS, IN THE CASE OF INCOMPLETE COMBUSTION.

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

Spill Release Procedures:RECOVER FREE PRODUCT.ADD SAND,EARTH OR OTHER SUITABLE ABSORBENT TO SPILL AREA.MINIMIZE BREATHING VAPORS.MINIMIZE SKIN CONTACT.OPEN ALL WINDOWS & DO

ORS.KEEP PRODUCT OUT OF SEWERS
AND WATERCOURSES BY DI KING OR IMPOUNDING,OTHERWISE CALL
AUTHORITIES.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:STORE IN A COOL,DRY PLACE WITH
ADEQUATE VENTILATION.KEEP AWAY FROM OPEN FLAMES,HIGH TEMPERATURES &
STRONG OXIDANTS.

Other Precautions:MINIMIZE BREATHING VAPOR,MIST OR FUMES.AVOID
PROLONGED/REPEATED SKIN CONTACT.LAUNDER/DRY-CL
EAN CONTAMINATED

CLOTHING BEFORE RE-USE.REMOVE & CLEAN CONTAMINATED SHOES BEFORE
RE-USE.PRODUCT IS READILY RE MOVED FROM SKIN BY WATERLESS CLEANERS.

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

Respiratory Protection:USE SUPPLIED-AIR RESPIRATORY PROTECTION IN
CONFINED OR ENCLOSED SPACES,IF NEEDED.

Ventilation:USE LOCAL EXHAUST TO CAPTURE VAPOR,MISTS OR FUMES,IF
NECESSARY.

Protective Gloves:CHEMICAL RESISTANT GLOVES

Eye Protection:SPLASH GOGGLES OR FACE SH
IELD

Other Protective Equipment:EYE WASH STATION AND SAFETY
SHOWER.CHEMICAL-RESISTANT APRON OR OTHER IMPERVIOUS CLOTHING.

Work Hygienic Practices:OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES. DO NOT WEAR CONTAMINATED CLOTHING OR
FOOTWEAR.

Supplemental Safety and Health

"EMPTY" CONTAINERS RETAIN RESIDUE AND CAN BE DANGEROUS.DO NOT
PRESSURIZE,CUT,WELD,BRAZE,SOLDER,DRILL,GRIND OR EXPOSE SUCH
CONTAINERS TO HEAT,FLAME,SPARKS,STATIC ELECTRICITY OR OTHER SOURCE
S

OF IGNITIO N;THEY MAY EXPLODE AND CAUSE INJURY OR DEATH.DO NOT
CLEAN THEM.

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

HCC:F4

Boiling Pt:B.P. Text:315F,157C

Vapor Pres:10

Vapor Density:5

Spec Gravity:0.75

pH:NEUTR.

Viscosity:0.99 CP

Evaporation Rate & Reference:0.3 (N-BUTYL ACETATE=1)

Solubility in Water:NEGLIGIBLE

Appearance and Odor:BLACK LIQUID,MILD ISOPARAFFINIC HYDROCARBON ODOR

Percent Volatiles by Volume:99

===== Stability and Reactivi

ty Data =====

Stability Indicator/Materials to Avoid: YES

STRONG OXIDANTS SUCH AS LIQUID CHLORINE, CONCENTRATED OXYGEN, SODIUM
HYPOCHLORITE OR CALCIUM HYPOCHLORITE

Stability Condition to Avoid: HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES

Hazardous Decomposition Products: FUMES, SMOKE, CARBON MONOXIDE, ALDEHYDES
AND OTHER DECOMPOSITION PRODUCTS, IN THE CASE OF INCOMPLETE
COMBUSTION.

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

Waste Disposal Methods: DISPO

SE OF IN AN APPROPRIATE DISPOSAL FACILITY

IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

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