

BRULIN AND CO INC -- FORMULA 1-4-77N -- 6850-01-045-7931

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Product Identification  
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Product ID:FORMULA 1-4-77N

MSDS Date:01/01/1990

FSC:6850

NIIN:01-045-7931

MSDS Number: BPXFT

=== Responsible Party ===

Company Name:BRULIN AND CO INC

Box:270

City:INDIANAPOLIS

State:IN

ZIP:46206-0270

Country:US

Info Phone Num:317-923-3211

Emergency Phone Num:317-923-3233 800-424-9300(CHEMTREC)

CAGE:94058

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== Contractor Identification ==

Company Name:BRULIN AND CO INC

Address:2920 DR ANDREW J BROWN AVE

Box:270

City:INDIANAPOLIS

State:IN

ZIP:46205-0270

Country:US

Phone:317-923-3211

CAGE:94058

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Composition/Information on Ingredients  
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Ingred Name:HEAVY AROMATIC SOLVENT NAPHTHA (PETROLEUM)

CAS:64742-94-5

RTECS #:WF3100000

Fraction by Wt: 10-30%

Other REC Limits:100PPM (SUPPLIER)

Ingred Name:HEXYLENE GLYCOL

CAS:107-41-5

RTECS #:SA0810000

Fraction by Wt: 5-10%

Other REC L

imits:NONE RECOMMENDED  
OSHA PEL:C 25 PPM  
ACGIH TLV:C 25 PPM; 9293

Ingred Name:HEXYLENE GLYCOL  
CAS:107-41-5  
RTECS #:SA0810000  
Fraction by Wt: 5-10%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:C 25 PPM  
ACGIH TLV:C 25 PPM; 9293

===== 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:SKIN-PROLONGED OR REPEATED  
CONTACT MAY CAUSE IRRITA  
TION.EYES-DIRECT CONTACT MAY CAUSE  
IRRITATION.INHAL-MAY IRRITATE THE RESPIRATORY TRACT AND CAUSE CNS  
EFFECTS.INGEST-DESPITE LOW TOXICITY, ONCE ASPIRATED INTO THE LUNGS  
MAY CAUSE PULMONARY INJURY OR DEATH.CHRONIC:SKIN EXPOSURE MAY CAUSE  
DERMATITIS.  
Effects of Overexposure:HIGH VAPOR CONCENTRATIONS ARE IRRITATING TO  
EYES AND LUNGS(HEADACHE, DIZZINESS) AND HAVE ANESTHETIC EFFECT. IT  
IS POSSIBLE THAT THERE ARE OTHER CENTRAL NERVOUS SYSTEM EFFECTS.  
EYE IRRITATION IS SEEN  
A S REDNESS, TEARING.  
Medical Cond Aggravated by Exposure:MANUFACTURER STATES THAT THERE ARE  
NONE.

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

First Aid:INHAL:REMOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS  
DIFFICULT. GET MEDICAL ATTENTION.EYE: FLUSH WITH WATER FOR 15  
MINUTES WITH LID OPEN. GET MEDICAL ATTENTION.SKIN: WASH WITH MILD  
SOAP AND WATER. R EMOVE CONTAMINATED CLOTHING.INGEST:DO NOT INDUCE  
VOMITING! IF CONSCIOUS, GIVE 2 GLASSES OF WATER(+M  
ILK OF  
MAGNESIA,IF AVAILABLE);KEEP WARM AND QUIET;CALL PHYSICIAN AND  
POISON CONTROL CENTER.

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

Flash Point Method:TCC  
Flash Point:150F,66C  
Extinguishing Media:WATER SPRAY, CARBON DIOXIDE, DRY CHEMICAL, FOAM.  
Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS. WATER  
FOG MAY BE USED TO COOL CONTAINERS.  
Unusual Fire/Explosion Hazard:NEVER USE WELDING OR CUTTING TORCH AROUND  
DRUM, EVEN WHEN EMPTY.

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

Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. VENTILATE THE AREA WELL. ABSORB THE SPILL ONTO SOLID ABSORBANT AND SHOVEL INTO CONTAINERS.

Neutralizing Agent:NONE.

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

Handling and Storage Precautions:STORE BETWEEN 40 - 120F IN A WELL VENTILATED AREA.

Other Precautions:TREAT EMPTY CONTAINERS WITH THE SAME CARE AS FULL ONES.

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

Respiratory Protection:USE A NIOSH/MSHA APPROVED RESPIRATOR IF TLV IS EXCEEDED.

Ventilation:PROVIDE SUFFICIENT MECHANICAL VENTILATION(GENERAL OR LOCAL EXHAUST) TO MAINTAIN EXPOSURE BELOW TLV.

Protective Gloves:BUTYL RUBBER.

Eye Protection:GOGGLES.

Other Protective Equipment:USE CLOTHING WHICH PREVENTS SKIN CONTACT.

Work Hygienic Practices:WASH HANDS AFTER HANDLING. AVOID BREATHING MISTS OR VAPORS.

Supplemental Safety and Health  
NONE.

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

HCC:V4

Boiling Pt:B.P. Text:212F,100C

Melt/Freeze Pt:M.P/F.P Text:45

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZERS.

Stability Condition to Avoid:HEAT, SPARKS, OPEN FLAMES.

Hazardous Decomposition Products:THERMAL DECOMPOSITION PRODUCES CARBON MONOXIDE AND CARBON DIOXIDE.

Conditions to Avoid Polymerization:MANUFACTURER STATES NONE.

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE TO 40CFR, FEDERAL,  
STATE AND LOCAL LAWS.

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