

MONSANTO CO -- SKYKLEEN 1000 AVIATION SOLVENT -- 6850-01-442-0755

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

Product ID:SKYKLEEN 1000 AVIATION SOLVENT

MSDS Date:12/20/1995

FSC:6850

NIIN:01-442-0755

MSDS Number: CFK VX

=== Responsible Party ===

Company Name:MONSANTO CO

Address:800 N LINDBERGH BLVD

City:SAINT LOUIS

State:MO

ZIP:63167

Country:US

Info Phone Num:800-332-3111/314-694-6661

Emergency Phone Num:314

-694-6661//800-424-9300(CHEMTRE)

CAGE:76541

=== Contractor Identification ===

Company Name:MONSANTO COMPANY

Address:800 N LINDBERGH BLVD

Box:City:SAINT LOUIS

State:MO

ZIP:63167

Country:US

Phone:314-694-6661 OR 800-332-3111

CAGE:76541

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

Ingred Name:DIMETHYL GLUTARATE/PENTANEDIOIC ACID, DIMETHYL ESTER

CAS:1119-40-0

Fraction by Wt: 55 - 75%

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHYL SUCCINATE

CAS:106-65-0

RTECS #:WM76

75000
Fraction by Wt: 15 - 35%
Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHYL ADIPATE, METHYL ADIPATE, HEXANEDIOIC ACID DIMETHYL
ESTER
CAS:627-93-0
RTECS #:AV1645000
Fraction by Wt: 5 - 25%
Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:LD50 (ORAL, RAT) 500 - 5000 MG/KG
Routes of Entry: Inhalation:NO Skin:NO Ingestion:NO
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
Health Hazards Acute and Chronic:T
ARGET ORGANS:EYE, SKIN, RESPIRATORY &
GI TRACTS. ACUTE- MAY CAUSE EYE IRRITATION. OVEREXPOSURE TO THE
VAPORS OF THE DIBASIC ESTER MIXTURE HAS PRODUCED BLURRING OF
VISION. SLIGHTLY TOXIC IF INGESTED. MAY BE HARMFUL IF INHALED.
SKIN HAZARD IS UNLNOWN. CHRONIC- UNKNOWN.
Explanation of Carcinogenicity:NONE
Effects of Overexposure:IRRITATION, NAUSEA

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

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLU
SH
WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN:WASH WITH SOAP &
WATER. INHALED:MOVE TO FRESH AIR. ORAL:CALL A PHYSICIAN.

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

Flash Point Method:TCC
Flash Point:212F,100C
Extinguishing Media:FLOOD WITH WATER, CARBON DIOXIDE (CO2), ALCOHOL
FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED
CONTAINERS.
Fire Fighting Procedures:WEAR PROTECTIVE CLOTHING AND NIOSH-APPROVED
SELF-CONTAINED BREATHING APP

ARATUS. EQUIPMENT SHOULD BE CLEANED
AFTER USE.

Unusual Fire/Explosion Hazard:VAPOR FORMS EXPLOSIVE MIXTURE IN AIR.

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

Spill Release Procedures:WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA.
ABSORB SPILLS WITH AN ABSORBENT MATERIAL SUCH AS CLAY/SAND. COLLECT
ABSORBENT AND PLACE IN PLASTIC-LINED METAL DRUM FOR DISPOSAL. SCRUB
SPILL AREA WITH A STRONG DETERGENT AND RINSE WITH WATER.
Neutralizing Agent:NOT RELEVANT

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

Handling and Storage Precautions:STORE AWAY FROM INCOMPATIBLE
MATERIALS. KEEP OUT OF REACH OF CHILDREN.
Other Precautions:AVOID CONTACT WITH EYES AND SKIN. AVOID BREATHING
VAPORS/MISTS. WASH THOROUGHLY AFTER HANDLING MATERIAL AND BEFORE
EATING OR DRINKING. DO NOT INGEST. EMPTY CONTAINER RETAINS RESIDUE.
OBSERVE LABEL INSTRUCTION.

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

Respiratory Protection:NONE NORMALLY REQUIRED. WHEN RESPIRATORY
PROTECTION IS REQUIRED, USE A NIOSH APPROVED AIR-SUPPLIED
RESPIRATOR.
Ventilation:GOOD GENERAL VENTILATION (TYPICALLY 10 AIR CHANGES/HR)
SHOULD BE USED. VENTILATION RATES SHOULD BE MATCHED TO CONDITIONS
Protective Gloves:RUBBER/LATEX FOR PROLONG/REPEAT CONTACT
Eye Protection:CHEMICAL GOGGLES IF CONTACT IS POSSIBLE
Other Protective Equipment:EYE WASH STATION, EMERGENCY SHOWER,
APPROPRIATE LABORATORY COAT TO COVER EXPOSED SKIN
Work Hygienic Practices:OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND
RECOMMENDED PROCEDURES.
Supplemental Safety and Health

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

HCC:V5
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:B.P. Text:385F - 439F
Melt/Freeze Pt:M.P/F.P Text:-40F,-40C
Vapor Pres:0.06 @ 68F
Spec Gravity:1.086
Solubility in Water:5.5 % @ 68F/20C
Appearance and Odor:COLORLESS LIQUID - SWEET ODOR

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

S

tability Indicator/Materials to Avoid: YES

STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG ALKALIS

Stability Condition to Avoid: STABLE UNDER NORMAL CONDITIONS OF STORAGE AND HANDLING.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, LOW MOLECULAR WEIGHT HYDROCARBONS

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

Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. INCINERATION IS RECOMMENDED.

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vided with this information by the compiling agencies):

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