

SOLUTIA INC. -- SKYKLEEN 1000 AVIATION SOLVENT -- 6850-01-442-0527

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Product Identification
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Product ID:SKYKLEEN 1000 AVIATION SOLVENT

MSDS Date:11/18/1998

FSC:6850

NIIN:01-442-0527

Status Code:A

MSDS Number: CHWCF

=== Responsible Party ===

Company Name:SOLUTIA INC.

Address:10300 OLIVE BLVD

City:ST LOUIS

State:MO

ZIP:63166-6760

Country:US

Info Phone Num:800-426-7022/314-694-6661

Emergenc

y Phone Num:703-527-3887

Chemtrec Ind/Phone:(800)424-9300

CAGE:1CHP6

=== Contractor Identification ===

Company Name:SOLUTIA INC.

Address:10300 OLIVE BLVD

Box:City:ST LOUIS

State:MO

ZIP:63166-6760

Country:US

Phone:334-473-8472

Contract Num:SPO450-99-M-NA13

CAGE:1CHP6

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Composition/Information on Ingredients
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Ingred Name:DIMETHYL GLUTARATE/PENTANEDIOIC ACID, DIMETHYL ESTER

CAS:1119-40-0

Minumum % Wt:55.

Maxumum % Wt:75.

Other REC Limits:NONE RECOMMENDED

Ingred Name:DI

METHYL SUCCINATE

CAS:106-65-0

RTECS #:WM7675000

Minimum % Wt:15.

Maximum % Wt:35.

Other REC Limits:NONE RECOMMENDED

Ingred Name:DIMETHYL ADIPATE/METHYL ADIPATE, HEXANEDIOIC ACID DIMETHYL
ESTER

CAS:627-93-0

RTECS #:AV1645000

Minimum % Wt:5.

Maximum % Wt: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:N

TP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:TARGET ORGANS: EYE, SKIN, RESPIRATORY
AND GASTROINTESTINAL TRACTS. ACUTE- MAY CAUSE EYE IRRITATION.
OVEREXPOSURE TO THE VAPORS OF THE DIBASIC ESTER MIXTURE HAS
PRODUCED BLURRING OF VISION. SLIGHTLY TO XIC IF INGESTED. MAY BE
HARMFUL IF INHALED. SKIN HAZARD IS UNKNOWN. CHRONIC- UNKNOWN.

Explanation of Carcinogenicity:NONE

Effects of Overexposure:IRRITATION, NAUSEA, TEARING, BLURRED VISION

===== First Aid

Measures =====

First Aid:CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE: IMMEDIATELY FLUSH
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:=103.C, 217.4F

Extinguishing Media:IN CASE OF FIRE , USE WATER (FLOOD WITH WATER), DRY
CHEMICAL, CO2, OR ALCOHOL FOAM

Fire Fighting Procedures:FIRE F

IGHTERS AND OTHERS EXPOSED TO PRODUCTS
OF COMBUSTIION SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS.
EQUIPMENT SHOULD BE THOROUGHLY DECONTAMINATED AFTER USE..
Unusual Fire/Explosion Hazard:NONE KNOWN.

===== 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
SP
ILL AREA WITH A STRONG DETERGENT AND RINSE WITH WATER.
Neutralizing Agent:NOT RELEVANT

===== 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 INS TRU
CTION.

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

Respiratory Protection:AVOID BREATHING VAPOR AND/OR MIST. USE NIOSH/
MSHA APPROVED RESPIRATORY PROTECTION EQUIPMENT WHEN AIRBORNE
EXPOSURE IS EXCESSIVE, CONSULT RESPIRATOR MANUFA TO DETERMINE
APPROPRIATE TYPE EQUIPMENT F OR GIVEN APPLICATION. OBSERVE
RESPRIATORUSE LIMITATIONS SPECIFIED BY NIOSH/MSHAOR THE
MANUFACTUER. RESPIR/ PROTECTION PROGRAMS MUST COMPLY WITH 29 CFR
1910.134

Ventilation:PRO
VIDE NATURAL OR MECHANICAL VENTILATION TO MINIMIZE
EXPOSURE USE LOCAL MECHANICAL EXHAUST VENTILATION AT SOURCES OF AIR
CONTAMINATION AS OPEN PROCESS EQUIP.

Protective Gloves:CHEMICAL RESISTANT GLOVES TO PREVENT SKI N CONTACT.

Eye Protection:WHERE POTENTIAL FOR EYE CONTACT, WEAR GOGGLES AND HAVE
EYE FLUSHING EQUIPMENT

Other Protective Equipment:WEAR A FACE SHIELD AND CHEMICAL RESISTANT
CLOTHING SUCH AS A RUBBER APRON,

Work Hygienic Practices:WASH CONTAMINATED SKIN, LAUNDER CLOTH

ING AND
EQUIPT, BEFORE REUSE, WASH AFTER HANDLING,
Supplemental Safety and Health

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

HCC:V5
NRC/State Lic Num:NOT RELEVANT
Boiling Pt:=196.C, 384.8F
B.P. Text:196-226C
Melt/Freeze Pt:=-40.C, -40.F
Vapor Pres:0.06 @20C
Spec Gravity:1.086@20/20C
Solubility in Water:5.5 % @/20C
Appearance and Odor:COLORLESS LIQUID - SWEET ODOR

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

Stability Indicator/Materials to
Avoid:YES
STRONG OXIDIZING AGENTS, STRONG ACIDS, STRONG ALKALIS
Stability Condition to Avoid:ELEVATED TEMPERTURES- DECOMPOSES WITH
HEAT. VAPOR FORMS EXPLOSIVE MIXTURE IN AIR.
Hazardous Decomposition Products:NO UNIQUELY HAZARDOUS DECOMPOSITION
PRODUCTS ARE EXPECTED.

===== Toxicological Information =====

Toxicological Information:DERMAL RABBIT LD50 - GREATER THAN 5000 MG/KG
(PRACTICALLY NON-TOXIC)

===== Ecological Information =====

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Ecological:96-HR LC50 FATHEAD MINNOW: 18-24 MG/L, SLIGHTLY TOXIC; 48-HR
EC50 DAPHNIA MAGNA: 136 MG/L, PRACTICALLY NONTOXIC

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

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

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

Federal Regulatory Information:TSCA INVENTORY: ALL COMPONENTS ARE
LISTED.

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rovided with this information by the compiling agencies):

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