

SOLUTIA INC -- SKYKLEEN 1000 AVIATION SOLVENT -- 6850-01-442-0755

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

Product ID:SKYKLEEN 1000 AVIATION SOLVENT

MSDS Date:04/13/2000

FSC:6850

NIIN:01-442-0755

Status Code:A

MSDS Number: CKKGH

=== Responsible Party ===

Company Name:SOLUTIA INC

Address:575 MARYVILLE CENTER DRIVE

Box:66760

City:ST. LOUIS

State:MO

ZIP:63166-6760

Country:US

Info Phone Num:314-674-6661

Em

ergency Phone Num:800-242-9300

Resp. Party Other MSDS Num.:REF NUMBER: 000000000184

Chemtec Ind/Phone:(800)424-9300

CAGE:TO617

=== Contractor Identification ===

Company Name:SOLUTIA INC

Address:575 MARYVILLE CENTER DRIVE

Box:66760

City:ST. LOUIS

State:MO

ZIP:63166-6760

Country:US

Phone:314-674-6661

CAGE:TO617

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:SP0450-00-M-SA85

CAGE:1CHP6

===== Composit

ion/Information on Ingredients =====

Ingred Name: DIMETHYL GLUTARATE
CAS: 1119-40-0
Minimum % Wt: 55.
Maximum % Wt: 75.

Ingred Name: DIMETHYL SUCCINATE
CAS: 106-65-0
RTECS #: WM7675000
Minimum % Wt: 15.
Maximum % Wt: 35.

Ingred Name: DIMETHYL ADIPATE
CAS: 627-93-0
RTECS #: AV1645000
Minimum % Wt: 5.
Maximum % Wt: 25.

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

LD50 LC50 Mixture: ORAL RAT LD50: 500 MG/KG
Routes of Entry: Inhalation: YES Skin: YES Ingestion: NO
Reports of C
arcinogenicity: NTP: NO IARC: NO OSHA: NO
Health Hazards Acute and Chronic: TARGET ORGANS: BODY WEIGHT, LIVER,
NOSE. EYES: MODERATELY IRRITATING. SKIN: NO MORE THAN SLIGHTLY
IRRITATING. NO MORE THAN SLIGHTLY TOXIC. INHALATION: MODERATELY
IRRITATING. NO MORE THAN SLIGHTLY TOXIC. INGESTION: NO MORE THAN
SLIGHTLY TOXIC. SIGNIFICANT ADVERSE HEALTH EFFECTS ARE NOT EXPECTED
TO DEVELOP IF ONLY SMALL AMOUNTS (LESS THAN A MOUTHFUL) ARE
SWALLOWED. TARGET ORGANS/SYSTEM: MAY CAUSE
BLURRED VISION.
Effects of Overexposure: MODERATELY IRRITATING TO EYES. NO MORE THAN
SLIGHTLY IRRITATING TO SKIN. MODERATELY IRRITATING IF INHALED.

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

First Aid: EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER. IF EASY, REMOVE
CONTACT LENSES. GET MEDICAL ATTENTION IF IRRITATION PERSISTS. SKIN:
IMMEDIATE FIRST AID IS NOT LIKELY TO BE REQUIRED. THIS MATERIAL CAN
BE REMOVED WITH WATER. WASH HEAVILY CONTAMINATED CLOTHING

BEFORE

REUSE. INHALATION: REMOVE PATIENT TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT GIVE OXYGEN. REMOVE MATERIAL FROM EYES, SKIN & CLOTHING. INGESTION: IMMEDIATE FIRST AID IS NOT LIKELY TO BE REQUIRED. A PHYSICIAN OR POISON CONTROL CENTER CAN BE CONTACTED FOR ADVICE. WASH HEAVILY CONTAMINATED CLOTHING BEFORE REUSE.

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

Flash Point Method:TCC

Flash Point:=103

.C, 217.4F

Extinguishing Media:WATER SPRAY, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE.

Fire Fighting Procedures:FIRE FIGHTERS AND OTHERS EXPOSED, WEAR SELF-CONTAINED BREATHING APPARATUS. EQUIPMENT SHOULD BE THOROUGHLY DECONTAMINATED AFTER USE.

Unusual Fire/Explosion Hazard:NONE KNOWN

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

Spill Release Procedures:USE PERSONAL PROTECTION. KEEP MATERIAL OUT OF DRAINS AND WATER COURSES. CONTAIN LARGE SPILLS WITH DIKES & TR

ANSFER THE MATERIAL TO APPROPRIATE CONTAINERS FOR RECLAMATION OR DISPOSAL. ABSORB REMAINING MATERIAL OR SMALL SPILLS WITH AN INERT MATERIAL AND THEN PLACE IN A CHEMICAL WASTE CONTAINER. FLUSH SPILL AREA WITH WATER.

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

Handling and Storage Precautions:AVOID CONTACT WITH EYES, SKIN & CLOTHING. AVOID BREATHING VAPOUR OR MIST. USE WITH ADEQUATE VENTILATION. KEEP CONTAINER CLOSED. WASH THOROUGHLY AFTER HANDLING.

EMPTIED CONTAINERS CONTAIN VAPOUR & PRODUCT RESIDUE. OBSERVE ALL RECOMMENDED SAFETY PRECAUTIONS.

Other Precautions:THIS PRODUCT SHOULD NOT BE DUMPED, SPILLED, RINSED OR WASHED INTO SEWERS OR PUBLIC WATERWAYS.

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

Respiratory Protection:AVOID BREATHING VAPOUR OR MIST. USE APPROVED RESPIRATORY PROTECTION EQUIPMENT WHEN AIRBORNE EXPOSURE IS EXCESSIVE. CONSULT THE RESPIRATOR MANUFACTURER TO DETERMINE THE APPROPR

IATE TYPE OF EQUIPMENT FOR A GIVEN APPLICATION. OBSERVE RESPIRATOR USE LIMITATIONS SPECIFIED BY THE MANUFACTURER.
Ventilation: PROVIDE NATURAL OR MECHANICAL VENTILATION. IF PRACTICAL, USE LOCAL MECHANICAL EXHAUST VENTILATION AT SOURCES OF AIR CONTAMINATION.
Protective Gloves: WEAR CHEMICAL RESISTANT GLOVES.
Eye Protection: WEAR CHEMICAL GOGGLES.
Other Protective Equipment: HAVE EYE FLUSHING EQUIPMENT AVAILABLE. WEAR SUITABLE PROTECTIVE CLOTHING.
Work Hygienic Practices: LAUNDRY CONTAMINATED CLOTHING AND CLEAN PROTECTIVE EQUIPMENT BEFORE REUSE. WASH THOROUGHLY AFTER HANDLING.
Supplemental Safety and Health

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

HCC: V5
Boiling Pt: >196.C, 384.8F
B.P. Text: 196-226C
Melt/Freeze Pt: -40.C, -40.F
Vapor Pres: 0.01 HPA @ 20C
Spec Gravity: 1.086 @ 20C
Solubility in Water: 55 G/L @ 20C
Appearance and Odor: COLORLESS LIQUID WITH SWEET ODOR

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

Stability I
Indicator/Materials to Avoid: YES
ACIDS, ALKALIS, OXIDIZING AGENTS.
Stability Condition to Avoid: ELEVATED TEMPERATURES
Hazardous Decomposition Products: NONE KNOWN.

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

Toxicological Information: THIS PRODUCT HAS NOT BEEN TESTED TO TOXICITY, BUT DATA OBTAINED ON SIMILAR PRODUCTS ARE SUMMARIZED BELOW: ORAL: LD50 RAT, 500 MG/KG, SLIGHTLY TOXIC. DERMAL: LD50 RABBIT, >5,000 MG/KG, PRACTICALLY NON TOXIC. INHALATION: LC50 RAT, > 10.7 MG/L.
EYES: RABBIT, MODERATELY IRRITATING. SKIN: RABBIT, PRACTICALLY NON-IRRITATING, 4H. THIS MATERIAL DID NOT PRODUCE SKIN SENSITIZATION IN LABORATORY ANIMALS. NO ADVERSE TREATMENT RELATED EFFECTS IN OFFSPRING. NO GENETIC EFFECTS WERE OBSERVED IN STANDARD TESTES USING BACTERIAL CELLS & WHOLE ANIMALS. GENETIC EFFECTS OBSERVED IN ANIMAL CELLS.

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

Ecological: INVERTEBRATES: 48 H, EC50 WATER FLEA (DA

PHNIA MAGNA) 136

MG/L. BIODEGRADATION: MODIFIED SCAS (OECD 303A), INHERENTLY BIODEGRADABLE, CLOSED BOTTLE BOD30/COD 86%, READILY BIODEGRADABLE.

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

Waste Disposal Methods: THIS MATERIAL WHEN DISCARDED IS NOT A HAZARDOUS WASTE AS THAT TERM IS DEFINED BY RCRA, 40 CFR 261. DISPOSAL CONSIDERATIONS: INCINERATION, RECYCLE. LOCAL, STATE, PROVINCIAL, & NATIONAL DISPOSAL REGULATIONS MAY BE MORE OR LESS STRINGENT.

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CONSULT YOUR ATTORNEY OR APPROPRIATE REGULATORY OFFICIALS FOR INFORMATION ON SUCH DISPOSAL.

===== MSDS Transport Information =====

Transport Information: NOT REGULATED FOR TRANSPORT.

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

SARA Title III Information: IMMEDIATE HAZARD CATEGORY. NO SECTION 302 OR E13 CHEMICALS.

Federal Regulatory Information: CERCLA REPORTABLE QUANTITY NOT APPLICABLE. ON TSCA INVENTORY.

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