

Cerling 1c pray

MATERIAL SAFETY DATA SHEET

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: ACS-W (WHITE) DATE PRINTED: 11/14/97
IDENTIFICATION NUMBER: 1001 PREPARE DATE: 01/19/98
PRODUCT USE/CLASS:

MANUFACTURED FOR:
AMERICAN INDUSTRIAL SUPPLY INC.
4514 VANOWEN STREET
BURBANK, CA 91505 INFORMATION PHONE: 818-841-7788

24 hr. Emergency Telephone: (800) 255-3924

PREPARER: WGZ

SECTION 2 - COMPOSITION/INFORMATION ON INGREDIENTS

ITEM	CHEMICAL NAME	CAS NUMBER	WT/WT % LESS THAN
01	Propane	00074-98-8	20.0 %
02	N-Butane	00106-97-8	15.0 %
03	Toluol	00106-88-3	15.0 %
04	Titanium Dioxide	13463-67-7	15.0 %
05	Xylene	01330-20-7	10.0 %
06	VM&P Naphtha	64742-89-8	5.0 %
07	Methanol	00067-56-1	5.0 %
08	Ethyl Benzene	00100-41-4	5.0 %
09	Acetone	00067-64-1	5.0 %
10	SC 100 Solvent	64742-95-6	5.0 %

EXPOSURE LIMITS

ITEM	ACGIH		OSHA		COMPANY	
	TLV-TWA	TLV-STEL	PEL-TWA	PEL-CEILING	TLV-TWA	SKIN
01	1000 ppm	N.E.	1000 ppm	N.E.	N.E.	NO
02	800 ppm	N.E.	800 ppm	N.E.	N.E.	NO
03	50 ppm	N.E.	100 ppm	150 ppm	N.E.	YES
04	5 mg/m ³	N.E.	5 mg/m ³	N.E.	N.E.	NO
05	100 ppm	150 ppm	100 ppm	150 ppm	N.E.	YES
06	300 ppm	400 ppm*	300 ppm	400 ppm	N.E.	YES
07	200 ppm	250 ppm	200 ppm	250 ppm	N.E.	YES
08	100 ppm	125 ppm	100 ppm	125 ppm	N.E.	NO
09	750 ppm	1000 ppm	750 ppm	1000 ppm	N.E.	YES
10	50 ppm	N.E.	50 ppm	N.E.	N.E.	YES

(See Section 16 for abbreviation legend). * - Ceiling Value

SECTION 3 - HAZARDS IDENTIFICATION

*** EMERGENCY OVERVIEW ***: May cause flash fire or explosion.

EFFECTS OF OVEREXPOSURE - EYE CONTACT: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.

EFFECTS OF OVEREXPOSURE - SKIN CONTACT: Causes skin irritation. Allergic reactions are possible. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

EFFECTS OF OVEREXPOSURE - INHALATION: Headaches, dizziness, nausea, decreased blood pressure, changes in heart rate and cyanosis may result from over-exposure to vapor or skin exposure. Prolonged inhalation may be harmful.

EFFECTS OF OVEREXPOSURE - INGESTION: This material may be harmful or fatal if swallowed. Irritating to mouth, throat and stomach.

EFFECTS OF OVEREXPOSURE - CHRONIC HAZARDS: Possible reproductive hazard.

PRIMARY ROUTE(S) OF ENTRY: SKIN ABSORPTION INHALATION INGESTION EYE CONTACT SKIN CONTACT

• SECTION 4 - FIRST AID MEASURES

FIRST AID - EYE CONTACT: Immediately flush eyes with plenty of water. Get medical attention, if irritation persists

FIRST AID - SKIN CONTACT: Wash with soap and water. Get medical attention if irritation develops or persists

FIRST AID - INHALATION: Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get immediate medical attention.

FIRST AID - INGESTION: If swallowed, do NOT induce vomiting. Give victim a glass of water or milk. Call a physician or poison control center immediately. Never give anything by mouth to an unconscious person.

• SECTION 5 - FIRE FIGHTING MEASURES

FLASH POINT: -4° F **LOWER EXPLOSIVE LIMIT:** 0.9 % **UPPER EXPLOSIVE LIMIT:** 36.0 %

AUTOIGNITION TEMPERATURE:

EXTINGUISHING MEDIA: WATER FOG DRY CHEMICAL CO₂ ALCOHOL FOAM FOAM

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may form explosive mixture with air

SPECIAL FIREFIGHTING PROCEDURES: Containers can build up pressure if exposed to heat (fire). As in any fire, wear self-contained breathing apparatus pressure-demand (MSHA/NIOSH approved or equivalent) and full protective gear.

• SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

• SECTION 7 - HANDLING AND STORAGE

HANDLING: Wash thoroughly after handling. **STORAGE:** Keep away from heat, sparks and flame

• SECTION 8 - EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Local exhaust ventilation may be necessary to control any air contaminants to within their TLVs during the use of this product.

RESPIRATORY PROTECTION: A NIOSH/MSHA approved air purifying respirator with an organic vapor cartridge or canister may be permissible under certain circumstances where airborne concentrations are expected to exceed exposure limits. Protection provided by air purifying respirators is limited. Use a positive pressure air supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air purifying respirators may not provide adequate protection.

SKIN PROTECTION: Where contact is likely, wear chemical resistant gloves, a chemical suit, rubber boots, and chemical safety goggles plus a face shield.

EYE PROTECTION: Wear safety glasses with side shields (or goggles) and a face shield.

OTHER PROTECTIVE EQUIPMENT: Where splashing is possible, full chemically resistant protective clothing (e.g. acid suit) and boots are required.

HYGIENIC PRACTICES: No information.

• SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

BOILING RANGE: -44 - 344° F

VAPOR DENSITY: Is heavier than air

ODOR: AROMATIC

ODOR THRESHOLD: NA

APPEARANCE: LIQUID

EVAPORATION RATE: Is faster than Ether

SOLUBILITY IN H₂O: SLIGHT

FREEZE POINT: NA

SPECIFIC GRAVITY: 0.8383

VAPOR PRESSURE: 40 PSI

pH @ 0.0 %: NA

PHYSICAL STATE: LIQUID

VISCOSITY: NA

COEFFICIENT OF WATER/OIL DISTRIBUTION:

(See Section 16 for abbreviation legend)

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• SECTION 10 - STABILITY AND REACTIVITY

CONDITIONS TO AVOID: Do not store above 120° F. Keep away from sparks, pilot lights, and/or open flames.
INCOMPATIBILITY: No information.

HAZARDOUS DECOMPOSITION PRODUCTS: May produce hazardous fumes when heated to decomposition. Fumes may contain carbon dioxide and/or carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur under normal conditions.

STABILITY: This product is stable under normal storage conditions.

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birth det**• SECTION 11 - TOXICOLOGICAL PROPERTIES**INTERN
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16 head**• SECTION 12 - ECOLOGICAL INFORMATION**

ECOLOGICAL INFORMATION: This product does not contain chlorinated solvents or lead.

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• SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL: Dispose of in accordance with local, state, and federal regulations. Do not puncture, incinerate, or compact.

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• SECTION 14 - TRANSPORTATION INFORMATION

No transportation information is available.

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• SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS: AS FOLLOWS -

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OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

CERCLA - SARA HAZARD CATEGORY:

This product has been reviewed according to the EPA 'Hazard Categories' promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

• IMMEDIATE HEALTH HAZARD • CHRONIC HEALTH HAZARD • FIRE HAZARD • PRESSURIZED GAS HAZARD

SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN
Toluol	00108-88-3	15.0 %
Xylene	01330-20-7	10.0 %
Methanol	00067-56-1	5.0 %
Ethyl Benzene	00100-41-4	5.0 %

U.S. STATE REGULATIONS: AS FOLLOWS -**NEW JERSEY RIGHT-TO-KNOW**

The following materials are non-hazardous, but are among the top five components in this product.

CHEMICAL NAME	CAS NUMBER
Water	07732-18-5

PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

CHEMICAL NAME	CAS NUMBER
Water	07732-18-5
Calcium Carbonate	01317-65-3
V T Alkyd Resin	NA

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• SECTION 15 - REGULATORY INFORMATION (CONT.)

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer or birth defects and other reproductive harm:

CHEMICAL NAME	CAS NUMBER
Toluol	00108-88-3

INTERNATIONAL REGULATIONS: AS FOLLOWS -

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

• SECTION 16 - OTHER INFORMATION

HMIS RATINGS: HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 3

PREVIOUS MSDS REVISION DATE: 08/07/95

LEGEND: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations

- SECTION 15 - REGULATORY INFORMATION**U.S. FEDERAL REGULATIONS: AS FOLLOWS -**

OSHA: Hazardous by definition of Hazard Communication Standard (29 CFR 1910.1200)

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**IMMEDIATE HEALTH HAZARD CHRONIC HEALTH HAZARD FIRE HAZARD
PRESSURIZED GAS HAZARD**

SARA SECTION 313: This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

CHEMICAL NAME	CAS NUMBER	WT/WT % IS LESS THAN
Xylene	01330-20-7	10.0 %
Toluol	00108-88-3	5.0 %
Methanol	00067-58-1	5.0 %
Ethyl Benzene	00100-41-4	5.0 %
Deformer A-63	NA	1.0 %

U.S. STATE REGULATIONS: AS FOLLOWS -**NEW JERSEY RIGHT-TO-KNOW:**

The following materials are non-hazardous, but are among the top five components in this product:

CHEMICAL NAME	CAS NUMBER
Calcium Carbonate	01317-85-3
Water	07732-18-5

PENNSYLVANIA RIGHT-TO-KNOW:

The following non-hazardous ingredients are present in the product at greater than 3%:

CHEMICAL NAME	CAS NUMBER
Calcium Carbonate	01317-85-3
Water	07732-18-5
Acrylic Resin	NA

CALIFORNIA PROPOSITION 65:

WARNING: The chemical(s) noted below and contained in this product, are known to the state of California to cause cancer or birth defects and other reproductive harm:

CHEMICAL NAME	CAS NUMBER
Toluol	00108-88-3

(Continued on Page 6)

Product: #

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SECTION 15 - REGULATORY INFORMATION (CONT.)

INTERNATIONAL REGULATIONS: AS FOLLOWS:

CANADIAN WHMIS: This MSDS has been prepared in compliance with Controlled Product Regulations except for use of the 16 headings.

CANADIAN WHMIS CLASS: No information available.

SECTION 16 - OTHER INFORMATION

HMIS RATINGS: HEALTH: 1 FLAMMABILITY: 3 REACTIVITY: 3

PREVIOUS MSDS REVISION DATE: 11/01/95

LEGEND: N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained on this MSDS has been checked and should be accurate. However, it is the responsibility of the user to comply with all Federal, State, and Local laws and regulations.

<END OF MSDS>

Sections 311 considered,

Requirements of R Part 372:

California to