

MATERIAL SAFETY DATA SHEET

(Approved by U.S. Department of Labor "Essentially Similar" to Form LSH-OOS-4)

Attachment "F"

UCAR® BISPHENOL A

2, 4' - Isopropylidenediphenol

CHEMICAL FAMILY: Aryls

$(H_3C)_2C(C_6H_4OH)_2$

MOLECULAR WEIGHT: 228.28

NAME AND SYNONYMS: UCAR Bisphenol A

PHYSICAL DATA

MELTING POINT, 7.6 mm. Hg	230°C. (446.0°F.)	FREEZING POINT	157°C.
DENSITY (H ₂ O = 1)	1.195 at 25/25°C.	VAPOR PRESSURE AT 20°C.	Not applicable
VAPOR DENSITY (air = 1)	Not applicable	SOLUBILITY IN WATER, % by wt. at 20°C.	<0.1
PER CENT VOLATILES BY VOLUME	0	EVAPORATION RATE (Butyl Acetate = 1)	Not applicable
APPEARANCE AND ODOR	White flakes or prills; mild phenolic odor.		

HAZARDOUS INGREDIENTS

MATERIAL	%	TLV (Units)
Not applicable		

FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (test method)	Not applicable	FLASH IGNITION TEMPERATURE	540°F. (ASTM D 1929)		
FLAMMABLE LIMITS IN AIR, % by volume		LOWER	Not applicable	UPPER	Not applicable
EXTINGUISHING MEDIA	Use carbon dioxide or dry chemical for small fires. Use ordinary foam for large fires.				
SPECIAL FIRE FIGHTING PROCEDURES	None, except avoid dust clouds.				
UNUSUAL FIRE AND EXPLOSION HAZARDS	Dust is explosive when particles are finer than 200 Tyler mesh (-74 microns). Minimum Explosive Concentration, 0.020 ounces of solid/ft. ³ of air. Minimum Ignition Temperature of Cloud, approximately 1,000°F. Minimum Ignition Energy, 0.015 joules.				

EMERGENCY PHONE NUMBERS

Dr. C. U. Dernehl, 212/551-4785
Dr. K. S. Lane, 212/551-4787
C. P. Carpenter, Ph.D., 421/327-1020

or

212/551-2345; 304/744-3487
(nights, weekends, and holidays)

RNW 0503

While Union Carbide Corporation believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Union Carbide Corporation assumes legal responsibility. They are offered solely for your consideration, investigation, and verification.

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IV. HEALTH HAZARD DATA

Not yet established

May cause skin irritation. Dust and solutions of Bisphenol A cause eye injury.

FIRST

Flush skin contact with water. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes, and then call a physician.

V. REACTIVITY DATA

STABILITY		CONDITIONS TO AVOID	None
UNSTABLE	STABLE		
—	✓		
INCOMPATIBILITY (materials to avoid)		None	
HAZARDOUS DECOMPOSITION PRODUCTS		Thermal decomposition or burning may produce carbon monoxide and/or carbon dioxide.	
HAZARDOUS POLYMERIZATION		CONDITIONS TO AVOID	None
May Occur	Will not Occur		
—	✓		

VI. SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED

Shovel up and flush excess with water.

WASTE DISPOSAL METHOD

Bury in a landfill.

VII. SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type)		Dust respirator	
VENTILATION	LOCAL EXHAUST	Preferred	SPECIAL —
	MECHANICAL (general)	—	OTHER —
PROTECTIVE GLOVES		Rubber	EYE PROTECTION Coverall goggles
OTHER PROTECTIVE EQUIPMENT		Eye bath and safety shower.	

VIII. SPECIAL PRECAUTIONS

PRECAUTIONARY LABELING

UCAR® BISPHENOL A

WARNING! CAUSES EYE INJURY AND SKIN IRRITATION.

Do not get in eyes. Avoid prolonged or repeated contact with skin. In case of contact with eyes, immediately flush with plenty of water for at least 15 minutes; call a physician. Wash thoroughly after handling.

FOR INDUSTRY USE ONLY

OTHER HANDLING AND STORAGE CONDITIONS

RNW 0504