



MATERIAL SAFETY DATA

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MSDS No: 00028
CAS No: 000131-57-7
Date: 06/29/2000
Supersedes: 07/01/1997

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: **CYASORB⁺ UV-9 Light Absorber**

SYNONYMS: 2-Hydroxy-4-methoxybenzophenone

CHEMICAL FAMILY: Benzophenone

MOLECULAR FORMULA: C₁₄H₁₂O₃

MOLECULAR WGT: 228.2

USE: Plastic Additive

MANUFACTURED BY: CYTEC INDUSTRIES INC., FIVE GARRET MOUNTAIN PLAZA,
WEST PATERSON, NEW JERSEY 07424, USA - 973/357-3100

SUPPLIED BY: CYTEC CANADA INC., GARNER ROAD, P.O. BOX 240,
NIAGARA FALLS, ONTARIO, CANADA L2E 6T4 1-905/356-9000

EMERGENCY PHONE: In CANADA: 905/356-8310 In USA: 1-800/424-9300 or 1-703/527-3887.

*Trademark or registered Trademark

2. COMPOSITION/INFORMATION ON INGREDIENTS

WHMIS REGULATED COMPONENTS

COMPONENT	CAS. NO.	%(w/w)	TWA/CEILING	REFERENCE
No Permissible Exposure Limits (PEL/TLV) have been established by OSHA or ACGIH.				

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

APPEARANCE AND ODOR: Pale cream to white powder; odorless

STATEMENTS OF HAZARD:

NO WARNING STATEMENT

POTENTIAL HEALTH EFFECTS

EFFECTS OF EXPOSURE:

Acute oral (rat) and dermal (rabbit) values are estimated to be greater than 5.0 g/kg and 2.0 g/kg, respectively. The 4-hour LC50 (rat) value is estimated to be greater than 20 mg/L.

Direct contact with this material may cause minimal eye and skin irritation.

4. FIRST AID MEASURES

Material is not expected to be harmful by ingestion. No specific first aid measures are required.
In case of skin contact, wash affected areas of skin with soap and water.
In case of eye contact, immediately irrigate with plenty of water for 15 minutes.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

FLASH POINT: Not applicable

FLAMMABLE LIMITS

(% BY VOL): Not applicable

AUTOIGNITION TEMP: Not applicable

DECOMPOSITION TEMP: Not available

MECHANICAL/STATIC SENSITIVITY: Maintain good housekeeping to control dust accumulations.

EXTINGUISHING MEDIA AND FIRE FIGHTING INSTRUCTIONS

As with many solids, any dust that is generated may be explosive if mixed with air in critical proportions and in the presence of a source of ignition. Use water, carbon dioxide or dry chemical to extinguish fires. Wear self-contained, positive pressure breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Sweep up spills and place in a waste disposal container. Flush area with water.

7. HANDLING AND STORAGE

Maintain good housekeeping to control dust accumulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS AND PERSONAL PROTECTIVE EQUIPMENT (PPE)

Engineering controls are not usually necessary if good hygiene practices are followed. Before eating, drinking, or smoking, wash face and hands thoroughly with soap and water. Avoid unnecessary skin contact. Impervious gloves are recommended to prevent prolonged skin contact. For operations where eye or face contact can occur, eye protection is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: Pale cream to white powder; odorless

BOILING POINT: Not applicable

MELTING POINT: ~144 F; 62 C

VAPOR PRESSURE: Not applicable

SPECIFIC GRAVITY: 1.32 @ 25 C

VAPOR DENSITY: Not applicable

% VOLATILE (BY WT): Negligible

pH: Not applicable

SATURATION IN AIR (% BY VOL): Not applicable

EVAPORATION RATE: Not applicable

SOLUBILITY IN WATER: Negligible

VOLATILE ORGANIC CONTENT: Not applicable

ODOR THRESHOLD: See section 2 for permissible exposure limits.

10. STABILITY AND REACTIVITY

STABILITY: Stable

CONDITIONS TO AVOID: None known

POLYMERIZATION: Will Not Occur

CONDITIONS TO AVOID: None known

INCOMPATIBLE MATERIALS: Strong oxidizing agents

HAZARDOUS DECOMPOSITION/ COMBUSTION PRODUCTS: Thermal decomposition or combustion may produce carbon monoxide and/or carbon dioxide.

11. TOXICOLOGICAL INFORMATION

Toxicological information for the product is found under Section 3. HAZARDS IDENTIFICATION. Toxicological information on the WHMIS regulated components of this product is as follows:

This product contains no WHMIS regulated (hazardous) components.

12. ECOLOGICAL INFORMATION

No aquatic LC50, BOD, or COD data available.

OCTANOL/H₂O PARTITION COEF.: Not available

13. DISPOSAL CONSIDERATIONS

Cytec encourages the recycle, recovery and reuse of materials, where permitted, as an alternative to disposal as a waste. Cytec recommends that organic materials classified as hazardous waste according to the relevant local or national regulations be disposed of by thermal treatment or incineration at approved facilities. All local and national regulations should be followed.

14. TRANSPORT INFORMATION

This section provides basic shipping classification information. Refer to appropriate transportation regulations for specific requirements.

	TRANSPORT CANADA	ICAO/IATA
SHIPPING NAME:	NOT APPLICABLE/NOT REGULATED	NOT APPLICABLE/NOT REGULATED
HAZARD CLASS:	Not Applicable	Not Applicable
SUBSIDIARY CLASS:	Not Applicable	Not Applicable
UN / ID NUMBER:	Not Applicable	Not Applicable
PACKING GROUP:	Not Applicable	Not Applicable
TRANSPORT LABEL REQUIRED:	None Required	None Required
PACKING INSTR:	Not Applicable	PASSENGER Not Applicable CARGO Not Applicable
MAX NET QTY:	Not Applicable	PASSENGER Not Applicable CARGO Not Applicable

D.O.T. SHIPPING INFORMATION		IMO SHIPPING INFORMATION
SHIPPING NAME:	NOT APPLICABLE/NOT REGULATED	NOT APPLICABLE/NOT REGULATED
HAZARD CLASS/ PACKING GROUP:	Not Applicable	Not Applicable
UN NUMBER:	Not Applicable	Not Applicable
IMDG PAGE:	Not Applicable	Not Applicable
D.O.T. HAZARDOUS SUBSTANCES:	(PRODUCT REPORTABLE QUANTITY) Not Applicable	Not Applicable
TRANSPORT LABEL REQUIRED:	None Required	None Required
ADDITIONAL TRANSPORT INFORMATION		
TECHNICAL NAME (N.O.S.):	Not Applicable	

15. REGULATORY INFORMATION

This product has been classified in accordance with the hazard criteria of the Controlled Products Regulations and this Material Safety Data Sheet contains all the information required by the Controlled Products Regulations.

WHMIS CLASSIFICATION: NOT WHMIS CONTROLLED

INVENTORY INFORMATION

- CANADA DSL: Components of this product have been reported to Environment Canada in accordance with subsection 25 of the Canadian Environmental Protection Act and are included on the Domestic Substances List.
- US TSCA: All components of this product are included on the TSCA Inventory in compliance with the Toxic Substances Control Act, 15 U. S. C. 2601 et. seq.
- EEC EINECS: All components of this product are included in the European Inventory of Existing Chemical Substances (EINECS) in compliance with Council Directive 67/548/EEC and its amendments.

16. OTHER INFORMATION

NFPA HAZARD RATING (National Fire Protection Association)

Fire	1	FIRE: Materials that must be preheated before ignition can occur.
Health	0	HEALTH: Materials that under emergency conditions, would offer no hazard beyond that of ordinary combustible materials.
Reactivity	0	REACTIVITY: Materials that in themselves are normally stable, even under fire exposure conditions.
Special		

REASON FOR ISSUE:

Date Updated

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