

Ingestion n e n e n u e e u n e n e u

Most important symptoms and effects

Symptoms u e u e n n u e e u e e n u e n
e n e n S u e e u n n e u e e n
u e n e n e u e e n u n e
e e e e u e

Indication of any immediate medical attention and special treatment needed

Notes to Physician e

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media

e e n e 2

Unsuitable Extinguishing Media e e n e

Specific Hazards Arising from the Chemical

e e n e

Hazardous Combustion Products n e e n e

Protective equipment and precautions for firefighters

n n e e e - n n e e n u e u e - e n S S e e u e n n u
e e e e e n e e e n e e e e e e e e e e e n n e

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions e e n e n e e n e n S e n

Environmental precautions

Environmental precautions e e n e n e n n e e e e e n u n e S e e
S e n 2 n n S e e S e n S S S S

Methods and material for containment and cleaning up

Methods for Containment e e n u e e e e e

Methods for Clean-Up n n n e n n e e n n e n n e n n e n n e
n u e e

7. HANDLING AND STORAGE

Precautions for safe handling

Advice on Safe Handling n e n u n e e u e n n e u n e e u n e e e n
e n u n e e e n e e e u e n e u e e n
n n e e n u e n n n e n e n e e n u n
u n n e n u n e u e u e n e n
e e u u e e n u n e - e n e e
e e e e e n n e e e e n

Conditions for safe storage, including any incompatibilities

Storage Conditions S e e u S e n e - e n e e ee n ne e
Incompatible Materials n en e e e

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
e ene e 7 -0 -2	0	e 2 e S 2000 n n n e e n 000 S 2 ee 2 0 0 2	2 00
en e e 4- 6-0		e	00

Appropriate engineering controls

Engineering Controls n ue e u e en n e e n n ne e e n S e

Individual protection measures, such as personal protective equipment

Eye/Face Protection S e e e
Skin and Body Protection e u e e e
Respiratory Protection e e - n ne e n u en nee e
General Hygiene Considerations n e n n e n u ene n e e

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state	u		
Appearance	ee ne	Odor	ee ne
Color	ee ne	Odor Threshold	ee ne
Property	Values	Remarks • Method	
pH	ee ne		
Melting Point/Freezing Point	ee ne		
Boiling Point/Boiling Range	7 0	e ene e	
Flash Point	ee ne		
Evaporation Rate	ee ne		
Flammability (Solid, Gas)	u -n e		
Flammability Limits in Air			
Upper Flammability Limits	2		
Lower Flammability Limit	2		
Vapor Pressure	4	20 6	
Vapor Density	2		
Relative Density	266		
Water Solubility	ee ne		
Solubility in other solvents	ee ne		
Partition Coefficient	ee ne		
Auto-ignition Temperature	6 0	e ene e	

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
Decomposition Temperature	Not determined	
Kinematic Viscosity	Not determined	
Dynamic Viscosity	Not determined	
Explosive Properties	Not determined	
Oxidizing Properties	Not determined	

10. STABILITY AND REACTIVITY

Reactivity

Not reactive under normal conditions.

Chemical Stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Hazardous Polymerization Hazardous polymerization does not occur.

Conditions to Avoid

Avoid heat, ignition sources, moisture, aging, and contamination. Keep separated from incompatible substances. Keep out of reach of children.

Incompatible Materials

Acids. Alkalis. Oxidizing agents. Chemically active metals.

Hazardous Decomposition Products

Carbon oxides. Phosgene. Hydrochloric acid.

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Product Information

Eye Contact Causes serious eye irritation.

Skin Contact Causes skin irritation.

Inhalation Do not inhale.

Ingestion Harmful if swallowed.

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Methylene chloride 75-09-2	= 1600 mg/kg (Rat)	-	= 53 mg/L (Rat) 6 h = 76000 mg/m ³ (Rat) 4 h
Benzoyl peroxide 94-36-0	= 7710 mg/kg (Rat) = 6400 mg/kg (Rat)	-	-

Information on physical, chemical and toxicological effects

Symptoms Please see section 4 of this SDS for symptoms.

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization May cause an allergic skin reaction.

Carcinogenicity

e e e n e e e e en e n n e en n en
 e e e u e n een e e u e e u n n e

Chemical Name	ACGIH	IARC	NTP	OSHA
e ene e 7 -0 -2		u 2	e n n e	
en e e 4- 6-0		u		

Legend

- ACGIH (American Conference of Governmental Industrial Hygienists)**
- A3 - Animal Carcinogen
- IARC (International Agency for Research on Cancer)**
- Group 2A - Probably Carcinogenic to Humans
- Group 3 IARC components are "not classifiable as human carcinogens"
- NTP (National Toxicology Program)**
- Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen
- OSHA (Occupational Safety and Health Administration of the US Department of Labor)**
- X - Present

STOT - single exposure

u e e n u e ne ne

STOT - repeated exposure

u e e n u ne e e e e u e

Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document.

ATEmix (oral) 77 00

12. ECOLOGICAL INFORMATION

Ecotoxicity

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Component Information

Chemical Name	Algae/aquatic plants	Fish	Crustacea
e ene e 7 -0 -2	00 6 eu ne e u 0 00 72 eu ne e u 0	6 e u 0 - u 6 e u 0 262 - 6 e e e 0 40 - 277 6 e e e 0 - u	2 - 47 4 n n 0 0 4 n n 0

Persistence/Degradability

e e ne

Bioaccumulation

e e ne

Mobility

Chemical Name	Partition Coefficient
e ene e 7 -0 -2	2

Other Adverse Effects

e e ne

13. DISPOSAL CONSIDERATIONS

Waste Treatment Methods

Disposal of Wastes Disposal should be in accordance with applicable international and national regulations

Contaminated Packaging Disposal should be in accordance with applicable international and national regulations

US EPA Waste Number

Chemical Name	RCRA	RCRA - Basis for Listing	RCRA - D Series Wastes	RCRA - U Series Wastes
eteneoie 7-0-2	00	none in waste streams: 00 002 02 02 0 00 0 0 7		00

Chemical Name	RCRA - Halogenated Organic Compounds	RCRA - P Series Wastes	RCRA - F Series Wastes	RCRA - K Series Wastes
eteneoie 7-0-2	ateo - oates		o waste aste nu e 02 aste es ition: onense i tens sent ite san ite ai san sent esi ant astes o te ou tion o etain o inate ai ati o a ons ee a ia ata e o esses ese o inate ai ati o a ons a et ose avin a on ain ent s an in o one to an in u in ive it va in a ounts an ositions o o ine su stitution	

California Hazardous Waste Status

Chemical Name	California Hazardous Waste Status
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en o eoie - -0	o i nita e Rea tive

14. TRANSPORT INFORMATION

Note please see instructions in accordance with applicable international and national regulations

DOT ot e u ate

IATA ot e u ate

IMDG ot e u ate

15. REGULATORY INFORMATION

International Inventories

Chemical Name	TSCA	DSL/NDSL	EINECS/E LINC S	ENCS	IECSC	KECL	PICCS	AICS
et ene oie				esent		esent		
a e e et				esent		esent		
en o e oie				esent		esent		

Legend:

- TSCA - United States Toxic Substances Control Act Section 8(b) Inventory*
- DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List*
- EINECS/ELINC S - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances*
- ENCS - Japan Existing and New Chemical Substances*
- IECSC - China Inventory of Existing Chemical Substances*
- KECL - Korean Existing and Evaluated Chemical Substances*
- PICCS - Philippines Inventory of Chemicals and Chemical Substances*
- AICS - Australian Inventory of Chemical Substances*

US Federal Regulations

CERCLA

Chemical Name	Hazardous Substances RQs	CERCLA/SARA RQ	Reportable Quantity (RQ)
et ene oie 7 -0 -2	000		R 000 ina R R ina R R ina R R 0 ina R

SARA 311/312 Hazard Categories

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SARA 313

Chemical Name	CAS No.	Weight-%	SARA 313 - Threshold Values %
et ene oie -7 -0 -2	7 -0 -2	o ieta	0

CWA (Clean Water Act)

Chemical Name	CWA - Reportable Quantities	CWA - Toxic Pollutants	CWA - Priority Pollutants	CWA - Hazardous Substances
et ene oie				

US State Regulations

California Proposition 65

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Chemical Name	California Proposition 65
et ene oie -7 -0 -2	a ino en

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania
et ene oie 7 -0 -2			
en o e oie - -0			

16. OTHER INFORMATION

<u>NFPA</u>	Health Hazards	Flammability	Instability	Special Hazards
	2			e e ne
<u>HMIS</u>	Health Hazards	Flammability	Physical hazards	Personal Protection
	e e ne	e e ne	e e ne	e e ne

Issue Date: 2 - -20 2
 Revision Date: 2 -J n-20
 Revision Note: e

Disclaimer

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End of Safety Data Sheet