

ANSHUL SPECIALTY MOLECULES PVT LTD.				
	TITLE : SDS OF CHLOROMETHYL ISOPROPYL CARBONATE			
	<i>(COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006)</i>			
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SECTION 01 : IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY /UNDERTAKING

- 1.1 Product identifiers** :
- Product name : CHLOROMETHYL ISOPROPYL CARBONATE
 Product Number : --
 Company /Brand : Anshul
 REACH No : --
 CAS-No. : 35180-01-9
- 1.2 Relevant identified uses of the substance or mixture and uses advised against**
 Identified uses : Application in pharma intermediates , Agrochemicals intermediates and Manufacture of other substances.
- 1.3 Details of the supplier of the safety data sheet**
 Company : Anshul Specialty Molecules Pvt.Ltd.
 Flexcel Park ,C-wing ,2nd Floor,S.V.Road,
 Near 24 Karat Multiplex, Jogeshwari (West)
 Mumbai-400 102 ,INDIA
- 1.4 Emergency telephone number**
 Emergency Phone # : +91 98194 90645
 +91 88797 10202

SECTION 02 : HAZARD IDENTIFICATION

- 2.1 Classification of the substance or mixture** : --
 Classification according to Regulation (EC) No 1272/2008
 Skin irritation (Category 2), H315 Skin sensitization (Category 1), H317
- 2.2 Label elements** :
-
- Signal word** : Warning
- Hazard Statement**
- H315 : Causes skin irritation.
 H317 : May cause an allergic skin reaction.

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Precautionary Statement

- P 261** : Avoid breathing mist or vapors.
P 264 : Wash skin thoroughly after handling.
P 272 : Contaminated work clothing should not be allowed out of the workplace.
P 273 : Avoid release to the environment.
P 280 : Wear protective gloves
P 301+P352 : IF ON SKIN: Wash with plenty of water

Supplemental Hazard : None
Statements

SECTION 03 : COMPOSITION/INFORMATION ON INGREDIENTS**3.1 Substance**

Synonyms : : Chloromethyl Isopropyl Carbonate

Formula : : C₅H₉ClO₃

Molecular weight : : 152.57

CAS-No. : : 35180-01-9

EC-No. : : --

Component	Classification	Concentration
Chloromethyl Isopropyl Carbonate	Skin Irrit. 2; Skin Sens. 1; Aquatic Chronic 2; H315, H317,	<= 100 %

SECTION 04 : FIRST AID MEASURES

- 4.1 Eyes** : Immediately flush eyes with plenty of water for at least 15 minutes. Occasionally lifting the upper and lower eyelids. Get medical aid
- 4.2 Skin** : Flush skin with plenty of water and soap for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Get medical Aid.
- 4.3 Ingestion** : Never give anything by mouth to an unconscious person. Get medical aid.

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4.4 Inhalation : Remove from exposure to fresh air . If not breathing give artificial respiration. If breathing is difficult ,give oxygen .Get medical aid

SECTION 05: FIREFIGHTING MEASURES

- 5.1 Extinguishing Media** : Dry chemical Powder, Carbon Dioxide or Foam, Water spray
- 5.2 Flash Point** : No data available
- 5.3 Auto ignition temp** : No data available
- 5.4 Explosive Limit** : No data available
- 5.5 General Information :** : As in any fire , wear a self - contained breathing apparatus with full face piece operated in a positive pressure mode. NIOSH (approved or equivalent) and full protective Wear
- 5.6 Precautions for firefighters** : Fire-extinguishing work is done from the windward and the suitable fire-extinguishing method according to the surrounding situation is used. Uninvolved persons should evacuate to a safe place. In case of fire in the surroundings: Keep containers cool by spraying with water. Eliminate all ignition sources if safe to do so.

SECTION 06: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions** : Wear self breathing apparatus
Use vermiculite or sand as absorbent to recover in case of spillage. limit the polluted area with an absorbent. Transfer the absorbent to an empty drum and neutralize with caustic soda.
After neutralization, clean up with volumes of water
- 6.2 Environmental precautions** : Prevent product from entering drains. Methods and materials for Absorb spilled material in dry sand or inert absorbent before recovering it into a containment and cleaning airtight container. In case of large amount of spillage, contain a spill by bundling.

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up: Adhered or collected material should be promptly disposed of, in accordance with appropriate laws and regulations.

Prevention of secondary Remove all sources of ignition. Fire-extinguishing devices should be prepared in hazards: In case of a fire. Use spark-proof tools and explosion-proof equipment

SECTION 07: HANDLING AND STORAGE

- 7.1 Precautions for safe handling** : Handling is performed in a well ventilated place. Wear suitable protective equipment. Use a closed system if possible. Use a ventilation, local exhaust.
- 7.2 Storage Condition** : Keep container tightly closed. Store at ambient temp.

SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Control parameters** : Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep air borne concentrations low
- 8.2 Exposure controls** : **Appropriate engineering controls**
Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product

Personal Protective Equipment

Eyes /Face Protection : Wear Chemical Safety Goggles. Tightly fitting safety goggles. Faceshield (8-inch minimum). Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).



Hand protection : Wear appropriate protective gloves to prevent skin expose. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it.



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Body Protection : Wear a chemical apron. Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace

Respiratory protection : Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure : Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Discharge into the environment must be avoided.

SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES

- 9.1 **Physical State** : Liquid.
- 9.2 **Appearance** : Clear Colorless.
- 9.3 **Odour** : Odor less
- 9.4 **Vapour Pressure** : --
- 9.5 **Solubility** : Soluble in usual organic solvents..
- 9.6 **Vapor Density** : ---
- 9.7 **Melting Point** : -20 °C.
- 9.8 **Specific Gravity** : 1.13-1.14
- 9.9 **Boiling Point** : 111 °C.

SECTION 10: STABILITY AND REACTIVITY

- 10.1 **Chemical stability** : Stable under proper conditions

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- 10.2 Possibility of hazardous reaction** : No special reactivity has been reported.
- 10.3 Conditions to avoid** : Spark, Open flame, Static discharge
- 10.4 Incompatible materials** : Oxidizing agents
- 10.5 Hazardous decomposition products** : Carbon monoxide, Carbon dioxide, Hydrogen chloride

SECTION 11: TOXICOLOGICAL INFORMATION

- 11.1 Acute Toxicity** : No data available
- 11.2 Skin corrosion/irritation** : No data available
- 11.3 Serious eye damage/irritation** : No data available
- 11.4 Germ cell mutagenicity** : No data available
- 11.5 Carcinogenicity** : No data available
IARC
NTP
- 11.6 Reproductive toxicity** : No data available
- 11.7 LD50** : Upper than 2000 mg/kg
(Ingestion rats)
- 11.8 TLV** : No data available
- 11.9 STEL** : No data available

Endocrine disrupting properties: The substance has no endocrine-disrupting properties according to Regulation (EU) 2017/2100

SECTION 12: ECOLOGICAL INFORMATION

- 12.1 Ecotoxicity**
- Fish:** : No data available
- Crustacea**

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ADR/RID: III

IMDG:III

IATA : III

14.5 Environmental hazards

ADR/RID: no

IMDG -Marine pollutant : no

IATA :--

14.6 Special precautions for user

No data available

SECTION 15: REGULATORY INFORMATION

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

15.2 Chemical safety assessment : For this product a chemical safety assessment was not carried out

SECTION 16: OTHER INFORMATION

16.1 The above information is believed to be accurate and represents the best information currently available to us. However we make no warranty of merchantability or any other warranty, express or implied, with respect to such information and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way shall ANSHUL SPECIALTY MOLECULES PVT. LTD. be liable for any claims, losses or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from use or reliance upon this information
