

**ANSHUL SPECIALTY MOLECULES PVT LTD.****TITLE : SDS OF TRICHLOROACETAMIDE***(According to Regulation (EC) No. 1907/2006)*

ISSUE	02		DEPT	EHS
DOC. NO.	QD/EHS/16/ TCA		PAGE NO.	1 of 7
REV. NO.	00		EFFECT.DATE	01.03.2021
SUPERSEDES	--		REVIEW DATE	28.02.2024

**SECTION 01 : IDENTIFICATION OF SUBSTANCE AND OF THE COMPANY /UNDERTAKING****1.1 Product Name : Trichloroacetamide****Relevant identified uses of the substance or mixture and uses advised against**

Identified uses : Laboratory chemicals, Manufacture of substances

**Details of the supplier of the safety data sheet**

Company : Anshul Specialty Molecules Pvt.Ltd.  
Flexcel Park ,C-wing ,2<sup>nd</sup> Floor,184-87,S.V.Road,  
Near 24 Karat Multiplex, Jogeshwari (West)  
Mumbai-400 102 ,INDIA

**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  
Eye irritation (Category 2), H319

**2.2 Label elements****Labeling according Regulation (EC) No 1272/2008****Pictogram :**

**2.3 Signal word** : Warning

**2.4 Hazard statements** :  
H319 : Causes serious eye irritation.

**2.5 Precautionary statements** :  
P305 + P351 + P338 : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P337+P313** : If eye irritation persists: Get medical attention

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ISSUE	02		DEPT	EHS
DOC. NO.	QD/EHS/16/ TCA		PAGE NO.	2 of 7
REV. NO.	00		EFFECT.DATE	01.03.2021
SUPERSEDES	--		REVIEW DATE	28.02.2024

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

Synonyms :	:	Trichloroacetamide
Formula :	:	$C_2H_2Cl_3NO$
Molecular weight :	:	162,40 g/mol
CAS-No. :	:	594-65-0
EC-No. :	:	209-849-3

**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.
- 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**  
**Suitable extinguishing media** : Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.
- 5.2 Special hazards arising from the substance or mixture** : Carbon oxides, Nitrogen oxides (NOx)
- 5.3 Flash Point** : No data available
- 5.4 Auto ignition temp** : No data available

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ISSUE	02		DEPT	EHS
DOC. NO.	QD/EHS/16/ TCA		PAGE NO.	3 of 7
REV. NO.	00		EFFECT.DATE	01.03.2021
SUPERSEDES	--		REVIEW DATE	28.02.2024

- 5.5 Explosive Limit**  
**Lower Explosive Limit** : No data available  
**Upper explosive limit** :
- 5.6 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
- 5.7 Advice for fire-fighters** : 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** : Use personal protective equipment. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. For personal protection see section 8.
- 6.2 Environmental precautions** : Do not let product enter drains.
- 6.3 Methods and materials for containment and cleaning up** : Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**SECTION 07: HANDLING AND STORAGE**

- 7.1 Precautions for safe handling**  
**Technical measures** : Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Provide appropriate exhaust ventilation at places where dust is formed..  
For precautions see section 2.2
- 7.2 Storage Condition** : Keep container tightly closed in a dry and well-ventilated place..

**SECTION 08: EXPOSURE CONTROLS / PERSONAL PROTECTION**

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ISSUE	02	DEPT	EHS
DOC. NO.	QD/EHS/16/ TCA	PAGE NO.	4 of 7
REV. NO.	00	EFFECT.DATE	01.03.2021
SUPERSEDES	--	REVIEW DATE	28.02.2024

- 8.1 Engineering Controls** : 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 Personal Protective Equipment**
- Eyes** : Wear Chemical Safety Goggles.
- Skin** : Wear appropriate protective gloves to prevent skin expose.
- Clothing** : Wear a chemical apron.
- Respirators** : Wear a NIOSH approved full face piece airline respirator in the positive pressure mode with emergency escape provisions

**SECTION 09: PHYSICAL AND CHEMICAL PROPERTIES**

- 9.1 Appearance : Crystalline  
Colour: beige
- 9.2 Odour : No data available
- 9.3 Odour Threshold : No data available
- 9.4 pH : No data available
- 9.5 Melting point/freezing point : 139 - 143 °C
- 9.6 boiling point : 238 - 240 °C
- 9.7 Evaporation rate : No data available
- 9.8 Vapour pressure : No data available
- 9.9 Vapour density : No data available
- 9.10 Relative density : No data available
- 9.11 Water solubility : No data available
- 9.12 Partition coefficient: n-octanol / water : No data available
- 9.13 Decomposition temperature : No data available
- 9.14 Viscosity : No data available
- 9.15 Explosive properties : No data available
- 9.16 Oxidizing properties : No data available

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ISSUE	02		DEPT	EHS
DOC. NO.	QD/EHS/16/ TCA		PAGE NO.	5 of 7
REV. NO.	00		EFFECT.DATE	01.03.2021
SUPERSEDES	--		REVIEW DATE	28.02.2024

**SECTION 10: STABILITY AND REACTIVITY**

- 10.1 Reactivity : No data available
- 10.2 Chemical stability : Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reaction : No data available
- 10.4 Conditions to avoid : No data available
- 10.5 Incompatible materials : Strong oxidizing agents, Strong acids, Strong bases, Strong reducing agents
- 10.5 Hazardous decomposition products : Hazardous decomposition products formed under fire conditions. - Carbon oxides, Nitrogen oxides (NO<sub>x</sub>), Hydrogen chloride gas Other decomposition products - No data available

**SECTION 11: TOXICOLOGICAL INFORMATION**

- 11.1 Acute Toxicity : LDLO Oral - Rat - 500 mg/kg
- 11.2 Skin corrosion/irritation : --
- 11.3 Serious eye damage/irritation : Moderate eye irritation
- 11.4 Germ cell mutagenicity : No data available
- 11.5 Carcinogenicity :  
IARC No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.  
NTP
- 11.6 Reproductive toxicity : No data available
- 11.7 LD50 : No data available  
(Ingestion rats)
- 11.8 TLV : No data available
- 11.9 STEL : No data available
- 11.10 Specific target organ toxicity - single exposure : No data available
- 11.11 Specific target organ toxicity - repeated exposure : No data available
- 11.12 Aspiration hazard : No data available
- 11.13 Additional Information : No data available

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DOC. NO.	QD/EHS/16/ TCA		PAGE NO.	6 of 7
REV. NO.	00		EFFECT.DATE	01.03.2021
SUPERSEDES	--		REVIEW DATE	28.02.2024

**SECTION 12: ECOLOGICAL INFORMATION**

- 12.1 Ecotoxicity : No data available  
Fish:  
Crustacea  
Algae:
- 12.2 Persistence / degradability : No data available
- 12.3 Bioaccumulative potential(BCF) : No data available
- 12.4 Mobility in soil : No data available
- 12.5 Log Pow: : No data available  
Soil adsorption (Koc)
- 12.6 Spill forbidden : No data available
- 12.7 Biodegradability : No data available
- 12.8 Results of PBT and vPvB assessment : PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**SECTION 13: DISPOSAL CONSIDERATIONS**

- 13.1 Waste treatment methods : **Product**  
Offer surplus and non-recyclable solutions to a licensed disposal company. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.
- 13.2 Contaminated packaging : Dispose of as unused product.

**SECTION 14: TRANSPORT INFORMATION**

- 14.1 UN number  
ADR/RID: - IMDG: -
- 14.2 UN proper shipping name  
ADR/RID: Not dangerous goods  
IMDG: Not dangerous goods  
IATA: Not dangerous goods
- 14.3 Transport hazard class(es)

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DOC. NO.	QD/EHS/16/ TCA		PAGE NO.	7 of 7
REV. NO.	00		EFFECT.DATE	01.03.2021
SUPERSEDES	--		REVIEW DATE	28.02.2024

ADR/RID: -

IMDG: -

14.4 **Packaging group**

ADR/RID: -

IMDG: -

14.5 **Environmental hazards**

ADR/RID: no

IMDG

Marine pollutant: no

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**

16.0 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 it's 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

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