

# SAFETY DATA SHEET

	Component	Classification	Concentration
	CAS-No.	: 114.02g/mole : 76-05-1	
	Formula Molecular Weight	: C <sub>2</sub> HF <sub>3</sub> O <sub>2</sub>	
	Synonyms	: Trifluoroacetic Acid	
3.1	Substances		
3. COM	POSITION/INFORMATION ON INGR	EDIENTS	
2.3	nazaros not otherwise classifie	d (HNOC) or not covered by GHS – none	
	P501	Dispose of contents/ container to an appro	ved waste disposal plant.
	P405	Store locked up.	
	P363	Wash contaminated clothing before reuse.	
		physician.	
			. Immediately call a POISON CENTER or docto
	P305 + P351 + P338 + P310		r for several minutes. Remove contact lenses,
	1 304 7 7 340 7 7 310	call a POISON CENTER or doctor/ physici	
	P304 + P340 + P310	water/shower.	and keep comfortable for breathing. Immediate
	P303 + P361 + P353		ately all contaminated clothing. Rinse skin wit
	P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT in	
	P280	Wear protective gloves/ protective clothing	
	P273	Avoid release to the environment	
	P271	Use only outdoors or in a well-ventilated a	rea.
	P264	Wash skin thoroughly after handling.	ouro, opicy.
	Precautionary statement(s) P261	Avoid breathing dust/ fume/ gas/ mist/ vap	ours/sprav
	H412 Broccutionary statement(s)	Harmful to aquatic life with long lasting effe	ECIS.
	H332	Harmful if inhaled.	
	H318	Causes serious eye damage.	
	H314	Causes severe skin burns and eye damag	e.
	Hazard statement(s)		
	Signal word	Danger	
		$\overline{\checkmark}$	
	Pictogram		
2.2	GHS Label elements, including		
		ts mentioned in this Section, see Section 16	
	Acute aquatic toxicity (Category 3 Chronic aquatic toxicity (Category		
	Serious eye damage (Category 1)		
	Skin corrosion (Category 1A), H3		
	Acute toxicity, Inhalation (Categor		
-		ce with 29 CFR 1910 (OSHA HCS)	
2. HAZ/ 2.1	ARDS IDENTIFICATION Classification of the substance	or mixture:	
1.4	Fax Emergency telephone number	: +1 502-968-1000 : +1 800-424-9300 Chemtrec	
	Telephone	: +1 833-317-5620	
		5609 Fern Valley Rd, Louisville, KY 40228 USA	
	Company	: Advanced ChemTech	
1.3	Details of the supplier of the sa		
•••	Identified uses	: Laboratory chemicals, Manufacture of substances	
1.2		ubstance or mixture and uses advised against	
	Brand CAS-No.	: Advanced ChemTech : 76-05-1	
	Product Number	: RA8402	
	<b>B</b> 1 1 <b>1</b> 1		
	Product name	: TFA	

Trifluoroacetic acid		
	Acute Tox. 4; Skin Corr. 1A; Eye Dam. 1; Aquatic Acute 3; Aquatic Chronic 3; H314, H318, H332, H412	<= 100 %
For the full text of the H-Statements mentioned in this Section, see Section 16.		

 4. FIRST AID MEASURES
 4.1 Description of first aid measures
 If inhaled: If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician
 In case of skin contact: Wash off with soap and plenty of water. Consult a physician.
 In case of eye contact: Rinse thoroughly with plenty of water for at least 15 minutes and consult a physician.Continue rinsing eyes during
 transport to beginted.
 transport to hospital.

If swallowed: Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician



## SAFETY DATA SHEET

- 4.2 Most important symptoms and effects, both acute and delayed: The most important known symptoms and effects are described in the
- labeling (see section 2.2) and/or in section 11
- 4.3 Indication of any immediate medical attention and special treatment needed: No data available

## 5. 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, Hydrogen fluoride
- 5.3 Advice for firefighters: Wear self contained breathing apparatus for fire fighting if necessary.
- 5.4 Further information: No data available

#### 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions, protective equipment, and emergency procedure: 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: Sweep up and shovel. Keep in suitable, closed containers for disposal.
- 6.4 Reference to other sections: For disposal see section 13.

## 7. HANDLING AND STORAGE

7.1 Precautions for safe handling: Avoid contact with skin and eyes. Avoid inhalation of vapour or mist. For precautions see section 2.2.

- 7.2 Conditions for safe storage, including any incompatibilities: Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Hygroscopic Store under inert gas. Storage class (TRGS 510): Non-combustible, corrosive hazardous materials
- 7.3 Specific end use(s): Apart from the uses mentioned in section 1.2 no other specific uses are stipulated

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

#### 8.1 Control parameters

- Components with workplace control parameters: Contains no substances with occupational exposure limit values.
- 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.

## Personal protective equipment

**Eye/face protection:** 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).

Skin protection: 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.

Body Protection: 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 multipurpose 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.

#### 9. PHYSICAL AND CHEMICAL PROPERTIES 9.1 Information on basic physical and chemical pr

a) Appearance       Form: Clear, colorless liquid         b) Odor       pumgent         c) Odor Threshold       no data available         d) pH       1.0 at 1 g/l at 20 °C (68 °F)         e) Metting point/freezing point       Metting point/range: -15.4 °C (4.3 °F) - lit.         f) Initial boiling point and boiling range       72.4 °C (162.3 °F) - it.         g) Flash point       > 100 °C (> 212 °F) - closed cup - Tested according to Annex V of Directive         h) Evaporation rate       no data available         i) Flammability (solid, gas)       no data available         j) Upper/lower flammability or explosive limits       no data available         k) Vapor pressure       100.0 PA (97.5 mmHg) at 20.0 °C (68.0 °F)         142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)       no data available         m) Relative density       1.489 g/cm3 at 20 °C (68 °F)         o) Partition coefficient: n- octanol/water       log Pow: -2.10         p) Auto-ignition temperature       no data available         q) Decomposition temperature       no data available         r) Viscosity       no data available         g) Partition coefficient: n- octanol/water       log Pow: -2.10         p) Auto-ignition temperature       no data available         r) Viscosity       no data available         g) Decomposition temperat	9.1	Information on basic physical and chemical properties			
<ul> <li>c) Odor Threshold</li> <li>d) pH</li> <li>e) Melting point/freezing point</li> <li>f) Initial boiling point and boiling range</li> <li>g) Flash point</li> <li>g) The sequence of the</li></ul>		a) Appearance	Form: Clear, colorless liquid		
d) pH1.0 at 1 g/l at 20 °C (68 °F)e) Melting point/freezing pointMelting point/range: -15.4 °C (4.3 °F) - lit.f) Initial boiling point and boiling range72.4 °C (162.3 °F) - lit.g) Flash point> 100 °C (> 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.h) Evaporation rateno data availablei) Flammability (solid, gas)no data availablej) Upper/lower flammability or explosive limitsno data availablek) Vapor pressure130.0 hPa (97.5 mmHg) at 20.0 °C (68.0 °F)l) Vapor densityno data availablem) Relative density1.489 g/cm3 at 20 °C (68 °F)n) Water solubilitysolubleo) Partition coefficient: n- octanol/waterlog Pow: -2.10p) Auto-ignition temperatureno data availabler) Viscosityno data avail		b) Odor	pungent		
<ul> <li>Melting point/freezing point</li> <li>Melting point/range: -15.4 °C (4.3 °F) - lit.</li> <li>Initial boiling point and boiling range</li> <li>(a) Flash point</li> <li>(b) Evaporation rate</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.</li> <li>(c) (2 20 °C) (58 °F)</li> <li>(c) (2 20 °C) (68 °F)</li> <li>(c) (2 20 °C (68 °F)</li> <li>(c) (2 20 °C) (68 °F)</li> <l< th=""><th></th><th>c) Odor Threshold</th><th>no data available</th></l<></ul>		c) Odor Threshold	no data available		
1) Initial boiling point and boiling range72.4 °C (162.3 °F) - lit.g) Flash point> 100 °C (> 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.h) Evaporation rateno data availablei) Flammability (solid, gas)no data availablej) Upper/lower flammability or explosive limitsno data availablek) Vapor pressure130.0 hPa (97.5 mmHg) at 20.0 °C (68.0 °F)1) Vapor densityno data availablem) Relative density1.489 g/cm3 at 20° C (68 °F)n) Water solubilitysolubleo) Partition coefficient: n- octanol/waterlog Pow: -2.10p) Auto-ignition temperatureno data availableq) Decomposition temperatureno data availabler) Viscosityno data availabler) Oxidizing propertiesno data availabler) Oxidizing propertiesno data available		d) pH	1.0 at 1 g/l at 20 °C (68 °F)		
g) Flash point       > 100 °C (> 212 °F) - closed cup - Tested according to Annex V of Directive 67/548/EEC.         h) Evaporation rate       no data available         i) Flammability (solid, gas)       no data available         j) Upper/lower flammability or explosive limits       no data available         k) Vapor pressure       130.0 hPa (97.5 mmHg) at 20.0 °C (68.0 °F)         142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)       142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)         n) Water solubility       no data available         o) Partition coefficient: n- octanol/water       log Pow: -2.10         p) Auto-ignition temperature       no data available         q) Decomposition temperature       no data available         r) Viscosity       no data available         s) Explosive properties       no data available         n) Oxidizing properties       no data available		e) Melting point/freezing point	Melting point/range: -15.4 °C (4.3 °F) - lit.		
67/548/EEC.         h) Evaporation rate       no data available         i) Flammability (solid, gas)       no data available         j) Upper/lower flammability or explosive limits       no data available         k) Vapor pressure       130.0 hPa (97.5 mmHg) at 20.0 °C (68.0 °F)         142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)       142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)         n) Relative density       no data available         m) Relative density       1.489 g/cm3 at 20 °C (68 °F)         n) Water solubility       soluble         o) Partition coefficient: n- octanol/water       log Pow: -2.10         p) Auto-ignition temperature       no data available         q) Decomposition temperature       no data available         r) Viscosity       no data available         s) Explosive properties       no data available         t) Oxidizing properties       no data available		<li>f) Initial boiling point and boiling range</li>	72.4 °C (162.3 °F) - lit.		
h) Evaporation rate       no data available         i) Flammability (solid, gas)       no data available         j) Upper/lower flammability or explosive limits       no data available         j) Upper/lower flammability or explosive limits       no data available         k) Vapor pressure       130.0 hPa (97.5 mmHg) at 20.0 °C (68.0 °F)         142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)       142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)         i) Vapor density       no data available         m) Relative density       1.489 g/cm3 at 20 °C (68 °F)         n) Water solubility       soluble         o) Partition coefficient: n- octanol/water       log Pow: -2.10         p) Auto-ignition temperature       no data available         q) Decomposition temperature       no data available         r) Viscosity       no data available         s) Explosive properties       no data available         t) Oxidizing properties       no data available		g) Flash point	> 100 °C (> 212 °F) - closed cup - Tested according to Annex V of Directive		
<ul> <li>i) Flammability (solid, gas)</li> <li>i) Upper/lower flammability or explosive limits</li> <li>k) Vapor pressure</li> <li>130.0 hPa (97.5 mmHg) at 20.0 °C (68.0 °F)</li> <li>142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)</li> <li>i) Vapor density</li> <li>m) Relative density</li> <li>m) Relative density</li> <li>m) Water solubility</li> <li>o) Partition coefficient: n- octanol/water</li> <li>log Pow: -2.10</li> <li>p) Auto-ignition temperature</li> <li>no data available</li> <li>r) Viscosity</li> <li>s) Explosive properties</li> <li>b) Explosive properties</li> <li>c) Oxidizing properties</li> <li>c) Auta available</li> <li>c) Auta available</li> <li>c) Partition temperature</li> <li>c) Auta available</li> <li>c) Partition temperature</li> <li>c) Auta available</li> <li>c) Decomposition temperature</li> <li>c) Auta available</li> <li>c) A</li></ul>			67/548/EEC.		
j) Upper/lower flammability or explosive limitsno data availablek) Vapor pressure130.0 hPa (97.5 mmHg) at 20.0 °C (68.0 °F)142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)I) Vapor densityno data availablem) Relative density1.489 g/cm3 at 20 °C (68 °F)n) Water solubilitysolubleo) Partition coefficient: n- octanol/waterlog Pow: -2.10p) Auto-ignition temperatureno data availableq) Decomposition temperatureno data availabler) Viscosityno data availablet) Viscosityno data availablet) Viscosityno data availablet) Dxidizing propertiesno data availablet) Oxidizing propertiesno data available		<ul> <li>h) Evaporation rate</li> </ul>	no data available		
k) Vapor pressure130.0 hPa (97.5 mmHg) at 20.0 °C (68.0 °F) 142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F) no data availableI) Vapor densityno data availablem) Relative density1.489 g/cm3 at 20 °C (68 °F) solubleo) Partition coefficient: n- octanol/waterlog Pow: -2.10 no data availablep) Auto-ignition temperatureno data available availableq) Decomposition temperatureno data available availabler) Viscosityno data available no data availablet) Viscosityno data available no data availablet) Oxidizing propertiesno data available no data availablet) Oxidizing propertiesno data available no data available		i) Flammability (solid, gas)	no data available		
142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)         I) Vapor density       no data available         m) Relative density       1.489 g/cm3 at 20 °C (68 °F)         n) Water solubility       soluble         o) Partition coefficient: n- octanol/water       log Pow: -2.10         p) Auto-ignition temperature       no data available         q) Decomposition temperature       no data available         r) Viscosity       no data available         s) Explosive properties       no data available         t) Oxidizing properties       no data available		<li>j) Upper/lower flammability or explosive limits</li>	no data available		
I) Vapor density       no data available         m) Relative density       1.489 g/cm3 at 20 °C (68 °F)         n) Water solubility       soluble         o) Partition coefficient: n- octanol/water       log Pow: -2.10         p) Auto-ignition temperature       no data available         q) Decomposition temperature       no data available         r) Viscosity       no data available         s) Explosive properties       no data available         t) Oxidizing properties       no data available		k) Vapor pressure	130.0 hPa (97.5 mmHg) at 20.0 °C (68.0 °F)		
m) Relative density1.489 g/cm3 at 20 °C (68 °F)n) Water solubilitysolubleo) Partition coefficient: n- octanol/waterlog Pow: -2.10p) Auto-ignition temperatureno data availableq) Decomposition temperatureno data availabler) Viscosityno data availables) Explosive propertiesno data availablet) Oxidizing propertiesno data available			142.7 hPa (107.0 mmHg) at 25.0 °C (77.0 °F)		
n) Water solubilitysolubleo) Partition coefficient: n- octanol/waterlog Pow: -2.10p) Auto-ignition temperatureno data availableq) Decomposition temperatureno data availabler) Viscosityno data availables) Explosive propertiesno data availablet) Oxidizing propertiesno data available		I) Vapor density	no data available		
o)Partition coefficient: n- octanol/waterlog Pow: -2.10p)Auto-ignition temperatureno data availableq)Decomposition temperatureno data availabler)Viscosityno data availables)Explosive propertiesno data availablet)Oxidizing propertiesno data available		m) Relative density	1.489 g/cm3 at 20 °C (68 °F)		
p) Auto-ignition temperature       no data available         q) Decomposition temperature       no data available         r) Viscosity       no data available         s) Explosive properties       no data available         t) Oxidizing properties       no data available		n) Water solubility	soluble		
q) Decomposition temperatureno data availabler) Viscosityno data availables) Explosive propertiesno data availablet) Oxidizing propertiesno data available		<ul> <li>Partition coefficient: n- octanol/water</li> </ul>	log Pow: -2.10		
r) Viscosity no data available s) Explosive properties no data available t) Oxidizing properties no data available		p) Auto-ignition temperature	no data available		
s) Explosive propertiesno data availablet) Oxidizing propertiesno data available		<ul> <li>q) Decomposition temperature</li> </ul>	no data available		
t) Oxidizing properties no data available		r) Viscosity	no data available		
			no data available		
9.2 Other safety information: no data available		t) Oxidizing properties	no data available		
	9.2	Other safety information:	no data available		

## 10. STABILITY AND REACTIVITY

10.1 Reactivity: No data available

- 10.2 Chemical stability: Stable under recommended storage conditions.
- 10.3 Possibility of hazardous reactions: No data available
- 10.4 Conditions to avoid: No data available



11.1

# SAFETY DATA SHEET

- 10.5 Incompatible materials: Strong bases, Metals, Oxidizing agents, Alcohols, Epoxides, Steel (all types and surface treatments), Aluminum, Exothermic in contact with water, Reacts violently with:, Alkali metals
- 10.6 Hazardous decomposition products: Other decomposition products no data available. In the event of fire: see section 5

### **11. TOXICOLOGICAL INFORMATION**

- Information on toxicological effects
- Acute toxicity: No data available

Inhalation: LC50 Inhalation - Rat - 10,000 mg/m3 Remarks: Sense Organs and Special Senses (Nose, Eye, Ear, and Taste):Eye:Conjunctive irritation. Behavioral:Somnolence (general depressed activity). Lungs, Thorax, or Respiration:Dyspnea

Dermal: No data available

Skin corrosion/irritation: No data available

Serious eye damage/eye irritation: No data available Respiratory or skin sensitization: No data available

Germ cell mutagenicity: No data available

## 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.
- ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.
- NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.
- OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.
  - Reproductive toxicity: No data available

Specific target organ toxicity - single exposure: No data available

Specific target organ toxicity - repeated exposure: No data available

#### Aspiration hazard: No data available

Additional Information: RTECS: AJ9625000 Material is extremely destructive to tissue of the mucous membranes and upper respiratory tract, eyes, and skin., spasm, inflammation and edema of the larynx, spasm, inflammation and edema of the bronchi, pneumonitis, pulmonary edema, burning sensation, Cough, wheezing, laryngitis, Shortness of breath, Headache, Nausea, Vomiting Liver - Irregularities - Based on Human Evidence

#### 12. ECOLOGICAL INFORMATION

- 12.1 Toxicity: Toxicity to fish LC50 Danio rerio (zebra fish) > 1,000 mg/l 96 h (OECD Test Guideline 203)
  - Toxicity to daphnia and other aquatic invertebrates EC50 Daphnia magna (Water flea) 55.00 mg/l 24 h
  - Toxicity to algae Desmodesmus subspicatus (Scenedesmus subspicatus) > 100 mg/l 72 h (OECD Test Guideline 201)
- 12.2 Persistence and degradability: Biodegradability Result: Not readily biodegradable. OECD Test Guideline 301D) Remarks: No data available
- 12.3 Bioaccumulative potential: No bioaccumulation is to be expected (log Pow <= 4).
- 12.4 Mobility in soil: No data available
- 12.5 Results of PBT and vPvB assessment: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
- 12.6 Other adverse effects: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic life with long lasting effects.

## **13. DISPOSAL CONSIDERATIONS**

13.1 Waste treatment methods

**Product:** Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

Contaminated packaging: Dispose of as unused product.

## 14. TRANSPORT INFORMATION

KAN:	SPORT INFORMATION			
	DOT (US)			
	UN number: 2699	Class: 8	Packing group: I	
	Proper shipping name: Trifluoroad	cetic acid		
	Reportable Quantity (RQ):			
	Poison Inhalation Hazard: No			
	IMDG			
	UN number: 2699	Class: 8	Packing group: I	EMS-No: F-A, S-B
	Proper shipping name: TRIFLUO	ROACETIC ACID		
	IATA			
	UN number: 2699	Class: 8	Packing group: I	
	Proper shipping name: Trifluoroad	cetic acid		

#### 15. REGULATORY INFORMATION

SARA 302 Components: SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302. SARA 313 Components: SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313. SARA 311/312 Hazards: Acute Health Hazard, Chronic Health Hazard Massachusetts Right to Know Components: No components are subject to the Massachusetts Right toKnow Act. Pennsylvania Right to Know Components CAS-No. **Revision Date** TFA 76-05-1 New Jersey Right to Know Components TFA CAS-No. **Revision Date** 76-05-1 California Prop. 65 Components This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.



# SAFETY DATA SHEET

## 16. OTHER INFORMATION Full text of H-Statemen

	-		
nts referred	to under	sections	2 and 3.

Full text of H-Statements referred to under sections 2 and 5.			
Acute Tox.	Acute toxicity		
Aquatic Acute	Acute aquatic toxicity		
Aquatic Chronic	Chronic aquatic toxicity		
Eye Dam.	Serious eye damage		
H314	Causes severe skin burns and eye damage.		
H318	Causes serious eye damage.		
H332	Harmful if inhaled.		
H402	Harmful to aquatic life		
HMIS Rating	·		
Health hazard:	3		
Chronic Health Hazard:	*		
Flammability:	0		
Physical Hazard	0		
NFPA Rating			
Health hazard:	3		
Fire Hazard:	0		
Reactivity Hazard:	0		

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Advanced ChemTech shall not be liable for any damage resulting in the handling or from contact with the above product.