

SODIUM TRICHLOROACETATE

1139

March 2002

CAS No: 650-51-1
RTECS No: AJ9100000
EC No: 607-005-00-2

TCA-sodium
TCA
STCA
Trichloroacetic acid, sodium salt
 $C_2Cl_3NaO_2$ / CCl_3CO_2Na
Molecular mass: 185.4

TYPES OF HAZARD/ EXPOSURE	ACUTE HAZARDS/SYMPTOMS	PREVENTION	FIRST AID/FIRE FIGHTING
FIRE	Not combustible.		In case of fire in the surroundings: use appropriate extinguishing media.
EXPLOSION			

EXPOSURE		PREVENT DISPERSION OF DUST!	
Inhalation	Cough. Sore throat.	Ventilation.	Fresh air, rest. Refer for medical attention.
Skin	Redness. Pain.	Protective gloves.	Remove contaminated clothes. Rinse skin with plenty of water or shower.
Eyes	Redness. Pain.	Safety spectacles.	First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then take to a doctor.
Ingestion		Do not eat, drink, or smoke during work. Wash hands before eating.	Rinse mouth.

SPILLAGE DISPOSAL	PACKAGING & LABELLING
Sweep spilled substance into covered containers. Do NOT let this chemical enter the environment. (Extra personal protection: P1 filter respirator for inert particles.)	Xi Symbol N Symbol R: 37-50/53 S: (2-)46-60-61

EMERGENCY RESPONSE	STORAGE
	Separated from strong bases. Dry.

IMPORTANT DATA

Physical State; Appearance

HYGROSCOPIC WHITE TO YELLOW POWDER

Chemical dangers

Reacts with strong bases producing chloroform - see ICSC 0027.

Occupational exposure limits

TLV not established.

Routes of exposure

The substance can be absorbed into the body by inhalation of its aerosol.

Inhalation risk

A nuisance-causing concentration of airborne particles can be reached quickly on spraying.

Effects of short-term exposure

The substance is irritating to the eyes, the skin and the respiratory tract.

PHYSICAL PROPERTIES

 Decomposes below melting point at 165°C
 Relative density (water = 1): 0.9

 Solubility in water, g/100 ml at 25°C: 120 (very good)
 Octanol/water partition coefficient as log Pow: 0.002

ENVIRONMENTAL DATA

The substance is toxic to aquatic organisms. This substance does enter the environment under normal use. Great care, however, should be given to avoid any additional release, e.g. through inappropriate disposal.

NOTES

 Carrier solvents used in commercial formulations may change physical and toxicological properties.
 TCA is also the abbreviation for trichloroacetic acid (ICSC 0586) in some countries.

ADDITIONAL INFORMATION

LEGAL NOTICE

Neither the EC nor the IPCS nor any person acting on behalf of the EC or the IPCS is responsible for the use which might be made of this information