



Material Safety Data Sheet

According to 91/155/EEC and ISO 11014- 1

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Printing date : 4 Mar, 2019

G1. IDENTIFICATION OF THE PRODUCT AND OF THE PRODUCER

Trade name: Activator K

Trade code: Activator K

Physical State as Supplied: Liquid

Seller: Sino Gookii Tech Co.,Ltd, No. 1700, Tianfu Ave North Section, Gaoxin District, Chengdu City, Sichuan Province, China

Emergency telephone number of the company and/ or of an authorised advisory center:
008613551194090

G2. COMPOSITION/INFORMATION ON INGREDIENTS

35 - 45% Tin Chloride OSA CAS 7772-99-8

CAS: 10025-69-1

Xn Harmful

R20/22 Harmful by inhalation and if swallowed.

R37/38 Irritating to respiratory system and skin.

10 - 15% Hydrochloride Acid CAS 7647-01-0

CAS:

Harmful by inhalation and if swallowed.

Irritating to respiratory system and skin

CHECK YOUR LOCAL AND STATE LAWS FOR SARA TITLE III AND COMMUNITY RIGHT TO KNOW REPORTING INFORMATION THIS MATERIAL IS NON CARCINOGENIC

G4. FIRST AID MEASURES

Contact with skin:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.

Contact with eyes:

Wash immediately with a gentle stream of water for at least 10 minutes.

Swallowing:

SEEK A MEDICAL EXAMINATION IMMEDIATELY and present the safety- data sheet.

Do not give milk or animal or vegetable fats of any kind.

Inhalation:

Ventilate the premises. The patient is to be removed immediately from the contaminated premises to rest in a well ventilated area.

OBTAIN MEDICAL ATTENTION.

G5. FIRE-FIGHTING MEASURES

Recommended extinguishers:

Water, CO₂, Foam, Chemical powders, according to the materials involved in the fire.

Extinguishers not to be used:

None in particular.

Risks arising from combustion:

Avoid inhaling the fumes.

Protective equipment:

Use protection for the respiratory tract.

G6. ACCIDENTAL RELEASE MEASURES

Measures for personal safety:

Use gloves and protective clothing.

Environmental measures:

Limit leakages with earth or sand.

If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.

Cleaning methods:

Rapidly recover the product. To do so, wear a mask and protective clothing.

If the product is in a liquid form, stop it from entering the drainage system.

Recover the product for re-use if possible, or for elimination. The product might, where appropriate, be absorbed by inert material. After the product has been recovered, rinse the area and materials involved with water.

G7. HANDLING AND STORAGE

Handling precautions:

Avoid contact and inhalation of the vapours. See, too, paragraph 8 below.

Do not eat or drink while working.

Incompatible materials:

None in particular.

Storage conditions:

Always keep the containers tightly closed.

Keep this product in a dry place.

Instructions as regards storage premises:

Adequately ventilated premises.

G8 . EXPOSURE CONTROLS / PERSONAL PROTECTION

Precautionary measures:

Give adequate ventilation to the premises where the product is stored and/or handled.

Respiratory protection:

Use respiratory protection where ventilation is insufficient or exposure is prolonged, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

Use adequate protective respiratory equipment, e.g. CEN/FFP-2(S) or CEN/FFP-3(S).

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Eye protection:

Not needed for normal use.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Exposure limit(s) (ACGIH):

Chrome Activator A22: TLV TWA: ppm=2 mg/m³ (Like tin)

G9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and colour: CLEAR/ FOGGY

Odor: SLIGHT ODER

Melting point:

Solid/gas flammability: NON-FLAMMABLE

Relative density: (WATER=1) : 2,71

Solubility in water: SOLUBILE

PH 1

Specific Gravity 1.3

G10. STABILITY AND REACTIVITY

Conditions to avoid:

Stable under normal conditions.

Substances to avoid:

None in particular.

Hazardous decomposition products:

None.

G11. TOXICOLOGICAL INFORMATION

LD50 Oral: 700 mg/Kg. (rats)

LD50 Oral: 1200 mg/Kg. (mice)

Chronic toxicity:

Corrosiveness/ Potential for irritation:

Skin: The substance is irritating to the skin.

Eyes: The substance is irritating to the eyes.

Chrome Activator 2 A

Acute Toxicity:

LD50 Oral: 700 mg/Kg. (rats)

LD50 Oral: 1200 mg/Kg. (mice)

Chronic Toxicity:

Corrosiveness/ Potential for irritation:

Skin: The substance causes skin irritation.

Eyes: The substance causes eye irritation.

G12. ECOLOGICAL INFORMATION

Adopt good working practices, so that the product is not released into the environment.

G13. DISPOSAL CONSIDERATIONS

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

G14. TRANSPORT INFORMATION

Not classified as dangerous in the meaning of transport regulations.

G15. REGULATORY INFORMATION

88/379/EEC (Classification and Labelling):

Symbols:

Xn Harmful/ Corrosive

R Phrases:

R20/22 Harmful by inhalation and if swallowed.

R37/38 Irritating to respiratory system and skin.

S Phrases:

S23 Do not breathe fumes/vapour/spray .

S7/8 Keep container tightly closed and dry.

Where applicable, refer to the following regulatory provisions :

Directive 82/501/EEC ('Activities linked to risks of serious accidents') and subsequent amendments.

G16. OTHER INFORMATION

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network

- Joint Research Centre, Commission of the European Communities

SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold ACGIH - Threshold Limit Values - 1993/94 edition

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended. This MSDS cancels and replaces any preceding release.