

SAFETY DATA SHEET

1.IDENTIFICATION OF THE SUBSTANCE AND OF THE COMPANY

PRODUCT DESCRIPTION : TAFT SOLUTION C
CHEMICAL FAMILY : AROMATIC HYDROCARBON
SUPPLIER : Two Nine Six O Trading Pte Ltd
21 Tuas West Ave Singapore 638435
Telephone/Fax Number : +65 6267 1300 / +65 6264 2960

2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	EINECS NO	%	R-phrases
BENZENE, DIMETHYL	1330-20-7	215-535-7	≥92	R10;R20/21;R38
2-PROPANOL	67-63-0	200-661-7	≥2	R11,R36,R67
ETHYLBENZENE	100-41-4	202-849-4	≥1	R11,R20
ACETONE	67-64-1	200-662-2	≥2	R11, R36,R66,R67
TETRAETHYL SILICATE	78-10-4	201-083-8	≥2	R10,R20,R36/37
n-BUTANOL	71-36-3	200-751-6	≥1	R10,R37/38,R41,R67,R22

3. HAZARD IDENTIFICATION

May be harmful if swallowed and may cause skin and eye irritation.

GSH Label Elements:

Symbol(S):



4. FIRST-AID MEASURES

INHALATION

- Remove to fresh air immediately. If not breathing, administer artificial respiration. If breathing is difficult, give oxygen. Keep at rest. Obtain medical attention if necessary.

SKIN CONTACT

- In case of contact, wash skin with water and soap.
- If irritation persists, get medical attention.

EYE CONTACT

- Immediately flush eyes with large amounts of water for at least 15 minutes or until irritation subsides.
- Obtain medical attention if necessary.

INGESTION

- DO NOT induce vomiting unless directed to do so by a medical personnel. Never give anything by mouth to an unconscious person. Keep at rest. Get medical attention if necessary.

5. FIRE FIGHTING MEASURE

SUITABLE EXTINGUISHING MEDIA : Carbon dioxide, foam or dry chemical type recommended.

FIRE FIGHTING ADVICE

- Not combustible, however following evaporation of the water component of the material, the residual material can burn if ignited. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapor or products of combustion.

6. ACCIDENTAL RELEASE MEASURES

PERSON RELATED PRECAUTIONARY MEASURES

- Avoid substance contact with eyes. Do not inhale vapours.
- Ensure supply of fresh air in enclosed rooms.
- Use personal protective equipment, e.g. respirators, eye protection, gloves and safety shoes.

ENVIRONMENTAL PROTECTION MEASURES

- Eliminate sources of ignition.
- Keep public away.
- Contain spilled liquid with sand or other non-combustible absorbent materials
- Wash area and prevent runoff into drains and sewerage system.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.

PROCEDURE FOR CLEANING

- Clean up all spills immediately
- Absorb spill with absorbent and inert material, then place in container.
- Disposal in accordance to local regulations.

7. HANDLING AND STORAGE

HANDLING

- Keep out of reach of children.
- Handle containers with care. Open slowly in order to control possible pressure release.
- Do not pressurize containers.
- Do not ingest. Do not breathe in gas/fumes/vapour. Avoid contact with skin and eyes.
- For personal protection, see section 8.
- Use only in areas from which all naked lights and others sources of ignition has been excluded.

STORAGE

- Keep containers tightly closed
- Containers that are opened should be properly resealed and kept upright to prevent leakage.
- Store in cool, dry and well-ventilated place at temperature between 20°C to 40°C away from heat and sources of ignition.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROL MEASURES

- Provide exhaust ventilation
- Ensure eyewash stations and safety showers are close to the workstation location.

PERSONAL PROTECTION MEASURES

Respiratory Protection: Wear appropriate respirators when ventilation is inadequate.

Hand Protection: Use of rubber type gloves is recommended.

Eye Protection: Use of safety glasses or goggles with side shields is recommended.

Skin/Body Protection: Cotton or synthetic clothing is normally suitable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	: Liquid
Odour	: SOLVENT
Specific gravity (15°C.15°C)	:0.870(ASTM D1298)
Boiling point	: 135-155°C
Flash point	: 21-27°C (Abel)
Melting point	: Not available
Auto-ignition temperature	: 432-530°C (ASTME659)
Explosive limits (in air)	: 1-7.1 % (Vol)
Vapour density (101.3kPa/air=1)	:3.7
Vapour pressure (50°C)	:4.5kPa
Vapour pressure (20°C)	:0.8-1.2kPa
Vapour pressure (0°C)	:0.2kPa
Solubility in other solvents	: Miscible
Kinematic viscosity	: <0.9mm ² /s at 20°C
Molecular Weight	: 106g/mol
Evaporation Rate (n-BuAcetate=1)	:0.76 (ASTM3539)
Solubility in water	: 0.175kg/m ³

10. STABILITY AND REACTIVITY

STABILITY

- The product is stable under recommended storage and handling conditions.
(see section 7)

CONDITIONS TO AVOID

- DO NOT expose to extreme heat, ignition sources or sparks.

HAZARDOUS DECOMPOSITION PRODUCTS

- When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide and dioxide, smoke and oxides of nitrogen.

MATERIALS TO AVOID (INCOMPATIBILITY)

- Strong oxidizing agents.

11. TOXICOLOGICAL INFORMATION

There are no data available on the product itself.

ACUTE EFFECT

Inhalation: May cause irritation to mucous membranes of the respiratory system.
Skin contact: Prolonged contact may cause skin irritation.
Eye contact: Prolonged contact may cause eye irritation.
Ingestion: No adverse effects expected, however large amounts may cause nausea and vomiting.

CHRONIC EFFECT

No information available for the product

TOXICITY DATA

Acute Oral Toxicity : LD₅₀ (Oral, rat) : >2000mg/kg LD₅₀ (Dermal, Rabbit) : >2000mg/kg
Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal

12. ECOLOGICAL INFORMATION

There are no data available on the product itself.

For spills or waste, take care to avoid contaminating the environment.

The product should not be allowed to enter drains and watercourses.

13. DISPOSAL CONSIDERATIONS

The product should not be allowed to enter drains and watercourses.

Wastes and empty containers should be treated and disposed of in accordance with national and local regulations.

14. TRANSPORT INFORMATION

IMDG

Identification Number : UN 1307

Class/division : 3

Packing Group : III

Marine Pollutant : No

IATA (Country variations may apply)

UN NO : UN 1307

CLASS/DIVISION : 3

Packing Group : III

15. REGULATORY INFORMATION

Classification according to EC Directives (91/155/EEC), Singapore Standard CP98:2003:

HAZARD CLASSIFICATION:

Xi: Irritant

R37/38: Irritating to eye and skin

16. OTHER INFORMATION

To the best of our knowledge, the information contained herein is accurate. However, the information is provided without any representation or warranty, expressed or implied, regarding its accuracy or completeness. Since the conditions of handling, storage, use and disposal are beyond our control and may be beyond our knowledge, for this and other reasons, we make no guarantee of results and assume no liability for damages incurred by the use of this product. Please be reminded that all chemicals may present unknown health hazards and should be used with caution.

Updated on 14 January 2022