

LIQUID K7 TOTAROL - 25% Dispersible

Health	1
Fire	1
Reactivity	0
Personal Protection	A

Safety Data Sheet

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY

Product Name

Liquid K7 Totarol

SUPPLIER

Company:

Charkit Chemical Company, LLC.

Address:

32 Haviland Street, Unit 1
Norwalk, CT 06854
USA

Product Use

Cosmetic applications

EMERGENCY

Emergency Tel.: 1-800-424-9300 (USA) / 1-703-527-3887 (Intl)

2. COMPOSITION/INFORMATION ON INGREDIENTS

**Information on
Composition
Ingredients**

Product based on Totarol™, oils and organic acids
No hazardous ingredients

DETAILS

CAS

Totarol

511-15-9

Sunflower Oil

8001-21-6

Sorbitan Laurate

1338-39-2

Glyceryl Caprylate

26402-26-6

Glycerine

8043-29-6

4-Oxovaleric acid

123-76-2

Sodium 4-oxovalerate

19856-23-6

Phytic Acid

83-86-3

Draconic Acid

100-09-4

3. HAZARDS IDENTIFICATION

Not classified as hazardous according to the criteria of NOHSC and not classified as a dangerous good according to the ADG code.

Risk phrases:

R36/38 Irritating to eyes

Safety phrases:

S2 Keep out of reach of children.

S25 Avoid contact with eyes.

Hazard Category Non Hazardous. Non dangerous goods.

Symptoms & Effects May dry skin on prolonged contact with concentrate.

Other Hazard Information: Nil

POTENTIAL HEALTH EFFECTS

ACUTE HEALTH EFFECTS

SWALLOWED

Accidental ingestion of the material may be damaging to the health of the individual.

Some ingredients in the composition such as Totarol and nonionic surfactants may produce localized irritation of the oral or gastrointestinal lining and induce vomiting and mild diarrhea.

EYE

There is some evidence to suggest that this material can cause eye irritation and damage in some persons.

Non-ionic surfactants can cause numbing of the cornea, which masks discomfort normally caused by other agents and leads to corneal injury.

Irritation varies depending on the duration of contact, the nature and concentration of the surfactant.

SKIN

The liquid may be miscible with fats or oils and may degrease the skin, producing a skin reaction described as non-allergic contact dermatitis.

The material is unlikely to produce an irritant dermatitis as described in EC Directives .

Repeated exposure may cause skin cracking, flaking or drying following normal handling and use.

Open cuts, abraded or irritated skin should not be exposed to this material.

Entry into the blood-stream, through, for example, cuts, abrasions or lesions, may produce systemic injury with harmful effects.

Examine the skin prior to the use of the material and ensure that any external damage is suitably protected.

INHALED

The material is not thought to produce either adverse health effects or irritation of the respiratory tract following inhalation (as classified using animal models).

Nevertheless, adverse effects have been produced following exposure of animals by at least one other route and good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting.

Not normally a hazard due to non-volatile nature of product.

CHRONIC HEALTH EFFECTS

Long-term exposure to the product is not thought to produce chronic effects adverse to the health nevertheless exposure by all routes should be minimized as a matter of course. Prolonged or repeated skin contact may cause degreasing with drying, cracking and dermatitis following.

4. FIRST AID MEASURES

FIRST AID FACILITIES: Normal washroom facilities

INHALED

· If fumes or combustion products are inhaled remove from contaminated area to fresh air. · Other measures are usually unnecessary.

SWALLOWED

· Rinse mouth with water - If swallowed do NOT induce vomiting. · If vomiting occurs, lean patient forward or place on left side (head-down position, if possible) to maintain open airway and prevent aspiration.

EYE

If this product comes in contact with the eyes: · Remove contact lenses - wash out immediately with fresh running water. · Ensure complete irrigation of the eye by keeping eyelids apart and away from eye and moving the eyelids by occasionally lifting the upper and lower lids.

SKIN

If skin or hair contact occurs: · Flush skin and hair with running water (and soap if available). · Seek medical attention in event of irritation.

INHALED

· If fumes or combustion products are inhaled remove from contaminated area. · Other measures are usually unnecessary.

NOTES TO PHYSICIAN

Treat symptomatically.

5. FIRE FIGHTING MEASURES

Fire Fighting Media and Instructions:

SMALL FIRE: Use DRY chemical powder LARGE FIRE: Use water spray, fog or foam. Do not use water jet. In both situations promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. If safe to do so, remove undamaged containers from fire area.

Flammability of the Product: May be combustible at high temperature.

Auto-Ignition Temperature: Not available.

Flash Points: CLOSED CUP: >280°C (550°F). LARGE FIRE: Use water spray, fog or foam. Do not use water jet. In both situations

Flammable Limits: Not available.

Products of Combustion: Not available.

Fire Hazards in Presence of Various Substances:

Slightly flammable to flammable in presence of open flames and sparks, of heat. Non-flammable in presence of shocks.

Explosion Hazards in Presence of Various Substances:

Risks of explosion of the product in presence of mechanical impact: Not available. Risks of explosion of the product in presence of static discharge: Not available.

Specific Hazards: Nil

Special Remarks on Fire Hazards: Not available.

Special Remarks on Explosion Hazards: Not available

6. ACCIDENTAL RELEASE MEASURES

MINOR SPILLS

Slippery when spilt.

- Remove all ignition sources.
- Clean up all spills immediately.

MAJOR SPILLS

Slippery when spilt.

Low - Moderate hazard.

- Clear area of personnel and move upwind.
- Alert Emergency Responders and tell them location and nature of hazard.

Spills & Disposal Contain and collect using absorbent material. Small spills may be flushed to sewer. Dispose of to landfill.

7. HANDLING AND STORAGE

HANDLING

Repeated or prolonged exposure to the concentrate without personal protection should be avoided in order to lessen the possibility of disorders. It is essential that all who come into contact with this material maintain good standards of personal hygiene ie. washing hands prior to eating, drinking or going to the toilet. Keep container closed and bung in place.

STORAGE

Store in original containers.

No smoking, naked flames or ignition source.

Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

8. EXPOSURE CONTROLS, PERSONAL PROTECTION

EXPOSURE CONTROLS & LIMITS

The following materials had no OELs on our records

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC). However as with all chemicals, exposure to concentrate should be kept to the least possible levels.

PERSONAL PROTECTION



RESPIRATOR

Type A Filter of sufficient capacity

EYE

- Safety glasses with side shields.
- Chemical goggles.

HANDS/FEET

Suitability and durability of glove type is dependent on usage. Important factors in the frequency and duration of contact,

- chemical resistance of glove material,
- glove thickness and
- dexterity

Select gloves tested to a relevant standard (e.g. Europe EN 374, US F739).

- When prolonged or frequently repeated contact may occur, a glove with a protection class of 5 or higher (breakthrough time greater than 240 minutes according to EN 374) is recommended.
- When only brief contact is expected, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to EN 374) is recommended.
- Contaminated gloves should be replaced.

Gloves must only be worn on clean hands. After using gloves, hands should be washed and dried thoroughly. Application of a non-perfumed moisturiser is recommended.

Wear chemical protective gloves, eg. PVC.

OTHER

- Overalls.
- P.V.C. apron.
- Barrier cream.
- Skin cleansing cream.
- Eye wash unit.

Other information No Biological Limit Value allocated

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Clear dark brown liquid. Dispersible in water and hard water (200 ppm). Dispersible in 2-ethoxyethanol, methanol and ethanol. Distinctive wood like odour. Viscosity @ 25°C : ~ 4000 mPa. Tendency to "foot" at temperatures below 5°C

Odour	slight woody smell
Boiling Point	>200°C
pH (aqueous solution)	5.5 – 6.5

Solubility in Water	Water dispersible
Specific Gravity (H ₂ O = 1)	0.94 @ 20 °C
Physical State	Dark brown liquid.
Flash Point	Non flammable
Flammability	Non flammable
Flammable Limits LEL	Non flammable
Flammable Limits UEL	Non flammable

10. STABILITY AND REACTIVITY

CONDITIONS CONTRIBUTING TO INSTABILITY

Stable under normal conditions of storage and handling.

- Presence of incompatible materials.
- Product is considered stable.

STORAGE INCOMPATIBILITY

Avoid reaction with oxidizing agents.

For incompatible materials - refer to Section 7 - Handling and Storage.

Hazardous Will not occur.

Polymerization

Decomposition Products None known.

Hazardous Reaction Not a fire hazard.

11. TOXICOLOGICAL INFORMATION

Toxicology Comment

The natural oil and Sorbitan esters are non-ionic surfactant-active agents that typically find use as emulsifiers, stabilizers, and thickeners in foods, cosmetics and medical products

Toxicology Not available

Acute Toxicity Not Available

Repeated Dose toxicity Not available

Reproductive and developmental toxicity: Not available

Information

Inhalation Ingredients are considered non hazardous when used as directed

Ingestion Not a likely source of exposure, however, moderate quantities of concentrate may cause irritation. Potential symptoms include nausea, diarrhoea, abdominal pain and vomiting.

Skin May cause skin irritation prolonged contact with the concentrate, which can result in redness in some people. No known effects through continual exposure to dilute solutions.

Eye The concentrate may be a possible eye irritant. May cause eye irritation.

Chronic Effects No known adverse effects.

12. ECOLOGICAL INFORMATION

Environ. Protection	Harmful to aquatic life in concentrate form. Not harmful to birdlife. .
Mobility	No data is available for this product.
Persistence / Degradability	No data is available for this product. Fully biodegradable
Bioaccumulation	No data is available for this product.
Ecotoxicity	No data is available for this product.

13. DISPOSAL CONSIDERATIONS

Disposal Instructions

All waste must be handled in accordance with local, state and federal regulations. Legislation addressing waste disposal requirements may differ by country, state and/ or territory. Each user must refer to laws operating in their area. In some areas, certain wastes must be tracked.

A Hierarchy of Controls seems to be common - the user should investigate:

- Reduction
- Reuse
- Recycling
- Disposal (if all else fails)

This material may be recycled if unused, or if it has not been contaminated so as to make it unsuitable for its intended use. If it has been contaminated, it may be possible to reclaim the product by filtration, distillation or some other means. Shelf life considerations should also be applied in making decisions of this type. Note that properties of a material may change in use, and recycling or reuse may not always be appropriate.

DO NOT allow wash water from cleaning equipment to enter drains. Collect all wash water for treatment before disposal.

- Recycle wherever possible or consult manufacturer for recycling options.
- Consult Waste Management Authority for disposal.

14. TRANSPORT INFORMATION

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: DOT, IATA, IMDG

U.N. Number	None allocated
Proper Shipping Name	None allocated
DG Class	None allocated
Hazchem Code	None allocated
Packing Group	None allocated
EPG Number	None allocated
IERG Number	None allocated

15. REGULATORY INFORMATION

Safety Phrase	S2 Keep out of reach of children. S25 Avoid contact with eyes.
Poisons Schedule	Not Scheduled

AICS (Australia) All ingredients are listed in the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

This SDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user must review this SDS in the context of how the product will be handled in the workplace and in conjunction with other materials. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

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