

1. Product **TECCare™ Ultra Concentrate – Ultra High Level Disinfectant / Cold Sterilant**

THIS PRODUCT IS INTENDED TO BE DILUTED BEFORE USE.

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2. Health Hazard

Corrosive, harmful by inhalation, causes burns, possible risk of effects through inhalation, in contact with skin and if swallowed.

3. Composition

Reaction product of Peracids < 4.5%
CAS No.: 79-21-0 Peroxyacetic acid
CAS No.: 7722-84-1 Hydrogen peroxide

4. First Aid

Inhalation: Take affected persons into the open air, position comfortably, supply fresh air.. Seek medical attention.
Skin contact: Wash immediately with plenty of water and soap and rinse thoroughly..
Extensive skin contact, Wash immediately with plenty of water and soap and rinse thoroughly. Seek medical attention
Eye contact Rinse opened eye for at least 15 minutes under running water. Seek medical attention.
Swallowing: Rinse out mouth and drink water. Do not induce vomiting. Seek medical attention.

5. Fire Fighting

Suitable extinguishing agents: Water spray jet, extinguishing powder, CO2, foam.
Unsuitable extinguishing agents: None
Special hazards caused by the material, its products of combustion or flue gases: In case of fire, toxic incineration products may be released such as:
Carbon monoxide (CO)
Nitrogen oxides (NOx)
Supports combustion of other substances (oxidising product)
Protective equipment: Wear self-contained breathing apparatus
Additional information: Cool endangered containers with water spray jet

6. Accidental Release

Personal safety: Wear protective equipment. Keep unprotected persons away
Environmental protection: Do not allow product to enter waters without treatment. Inform authorities in case of contamination of water or sewage system.
Cleaning/collecting: Collect in suitable container. Cover with absorbent, mix and collect mechanically.
Dispose of contaminated material as waste (See item 13.)
Suitable binder: multi-purpose absorbent

7. Handling / Storage

Information for safe handling: Handle product in closed systems with suitable air extraction systems in operation. Avoid splashes or spray. R. Keep away from heat, direct sunlight and ignition sources - do not smoke.
Store only in the original container.
Do not store together with: highly flammable substances, alkalis (caustic solutions), reducing agents, foodstuffs.
Protect from heat and direct sunlight.
Store container in a well ventilated position.

8. Exposure Controls / Personal protection

Avoid contact with the eyes and skin
Remove any soiled impregnated garments immediately
Wash hands regularly
Respiratory protection: Permeation time is unknown.
Dependant on different criteria. May be determined according to the norm DIN EN 374-3. Half or full face filtered mask (A2B2E2K2HG-P3) recommended

Chemical protective Nitrile rubber, gloves. Wear Eye protection



Protective clothing: Wear suitable protective clothing, gloves and eye/face protection

9. Physical / Chemical Properties

Description:	Liquid, colourless, fruit-like odour
Melting point:	< -22°C
Boiling point:	ca. 103°C
Flash point:	> 103°C
Ignition temperature:	268°C
Danger of explosion:	not explosive
Vapour pressure at 25°C:	56 hPa
Density at 20°C:	1.1 g/cm ³
Solubility in Water:	Fully miscible
pH-value at 20°C:	< 3.00
Partition coefficient (n-octanol/water):	< 1,45

10. Stability / Reactivity

Avoid: Diluting / Mixing with other chemicals, overheating (>55°C), Acids, Alkalis, Metals, Reducing agents, Organic materials
12 months shelf life from production date.
No dangerous decomposition products if stored and handled appropriately (see item 7)

11. Toxicology

LD/LC50 values: Oral LD50 >2000 mg / kg (rat)
Dermal LD50 >2000 mg / kg (rat)
Caustic effect on skin and mucous membranes.
Strong caustic effect on eyes.
No sensitizing effect known

12. Ecology		13. Disposal
Components are readily biodegradable Accumulation in organisms is not expected Does not contain substances influencing AOX of waste water. Does not contain any heavy metals Sewages containing product may not be released into the aquatic environment without preliminary treatment (biological purification plant)		Product must be disposed of according to local regulations pertaining to the disposal of hazardous waste. Empty and clean contaminated packaging thoroughly before recycling Clean with water and if necessary with cleaning agent
14. Transportation		
Land transport ADRIRID (cross -border/domestic): ADRIRID/ADG (Australia) Class: 5.2(P1) Organic peroxides. Kemler Number: 539 UN-Number: 3109 Label 5.2 Designation of goods: 3109 Organic Peroxide Type F, Liquid	Maritime transport IMDG/GGVSea: IMDG Class: 5.2 UN Number: 3109 Label 5.2 + 8 EMS Number: F-J,S-R Marine pollutant: No Correct technical name: Organic Peroxide Type F Liquid	Air transport ICAO-TI and IATA-DGR: ICAOI IATA Class: 5.2 UN/ID Number: 3109 Label F-J,S-R Correct technical name: Organic Peroxide Type F, Liquid
15. Regulatory		16. Other Information
The product has been classified and labelled in accordance with EC Directives / Ordinance on Hazardous Materials (CHIP)		Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product
Code letter / hazard designation: C Corrosive		
Risk phrases: R34 Causes burns R20/21/22 Harmful by inhalation, in contact with skin and if swallowed		
Safety phrases: S2 Keep out of the reach of children S3/9/14/49 Keep only in the original container in a cool, well-ventilated place away from strong acids, alkalis, metals, reducing agents, organic materials. S7 Keep container tightly closed S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S28 After contact with skin, wash immediately with plenty of soap and water S36/37/39 Wear suitable protective clothing, gloves and eye/face protection. S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).		
Special designation: National regulations may apply in event of accident Not listed in the COMAH. Water hazard class 1 (Self-assessment) slightly hazardous		