

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY 2552 ONE DIP

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2. COMPOSITION/ INFORMATION ON THE COMPONENTS

TETRACHLORETHYLENE 99,4%

Hazardous substances: TETRACHLORETHYLENE XN - N

Number CAS: 127-18-4

Component: No.-index-CE : 602-028-00-4

Number CEE: 204-825-9

Number EINECS: 204-825-9

3. HAZARDS IDENTIFICATION

Sentences-R: R40 suspected carcinogenic effects– not enough proofes

R51/53 Toxic for the watery organism, can result in harmful effects in long term for the watery environment



Symbol (s) : Xn
Kind of danger : harmful



N- Dangerous for the environment

4. FIRST AID

Sentences-S :

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→ Do not breathe gases, smoke, vapors, and aerosol of One Dip

→ Wear a protective clothing and suitable shoes.

→ In case of accident or faint: see immediately a doctor (if possible showing him the label).

→ Avoid the rejection in the environment. See the special instruction / the security data sheet

5. FIGHT AGAINST THE FIRE

non flammable – non explosible in the normales conditions of uses

Because of the toxicity of the products emitted at the time of tetrachlorethylene's combustion, the fire-fighters will be equipped with autonomous isolating apparatus of respiratory protection

6. MEASURES IN CASE OF ACCIDENTAL SCATTERING

General :

→ Prohibition of the rejection in the sewers and in surface waters.

Specifically :

Remove with inert absorbents, Maintain in containers specially adapted to the elimination

7. HANDLING AND STORAGE

→ **One Dip** must be maintained in his original packing., must be used in ventilated place. Avoid the contact with eyes and the skin. Do not breathe the vapors. Avoid the light exposure or to the incandescent bodies.

Storage :

→ It must be maintained in the ventilated and a fresh place

8. CONTROL OF THE INDIVIDUAL EXPOSURE/ PROTECTION

VME : 335 mg/m³, max exposure. 8 h / 24 h

Respiratory protection:

Avoid to breathe the vapors.

Skin protection :

Wear protective latex gloves,

Protective clothing :Wear clothing resisting to the chlorinated solvents.

Technical measures:

Provide an appropriate ventilation

9. CHEMICALES AND PHYSICALES PROPERTIES

Form :	liquid
Color :	colorless
Odor :	slightly sweetened
pH : (20°C)	non depending (scattering in Water pH 6,5-7,5)
Breakdown temperature:	100°C
Boiling point :	121.2°C
Auto-ignition temperature :	non apply
flash point:	non apply
Limites d'explosivité dans l'air :	non apply
Steam pressure : (20°C)	environ 1,9 kPa
Molecular masse :	165.85
Density: (20°C)	1,623 g/cm ³
Solubility in water (20°C) :	> 0.2g/l (insoluble)
Solubility in fat:	completely

10. STABILITY AND REACTIVITY

→ **CHEMICAL STABILITY** : stable

→ **Conditions to avoid:**

Avoid the contact with a free flame and light, and all other warmes areas which could cause a thermic decomposition

→ **Incompatibility with other materials:**

powerfuls oxidizer, barium, lithium.

→ **Hazardous decomposition's products:**

Carbonyl chloride, hydrogen chloride, chlorinate

11. TOXICOLOGIC INFORMATIONS

Acute toxicity : by inhalation, for an exposure to 100-200 ppm ,after few hours of exposure, it may cause eyes , nose, and throat irritation, a light unconsciousness or dizziness

→Narcotic effect after few minutes of exposure to a range of 1000ppm.

→ In case of'ingestion : stomach disorders (nauseas, vomiting)

→ In case of inhalation : respiratory disorders

→ In case of contact with the skin : very dry skin

12. ECOLOGIC INFORMATIONS

Biologic effects :

Water : a slow bio-damage can occur in the underground water where live a population of micro-organism One Dip doesn't go in the watery organism nor in the sediment population One Dip diluted with water can be subject of the volatilization , with an estimation of half-life fluctuating from 1 day to few weeks.

Coefficient of sharing alcohol octilic/water (log Kow) of 2,88.

Ground: One Dip can soak in quickly through the sandy grounds to reach the ground water. Its fixing potential in the ground is weak It won't hydrolyse itself in the ground or in water in the normal environmental conditions

Air : The vapors can be subject to the self-oxidation, but doesn't contribute to the tropospheric oxone formation

The estimation of half life goes from 2 months to less than 1 hour

Ecotoxicity :

LC50 acute (96 hours, continuous renewal) for minnow with large head 18,4 ppm

LC50 acute (96 hours, static) for harlequin crapet 12,9 ppm

LC50 acute (96 hours , static) for trout in rainbow 5 ppm

LC50 acute (96 hours, static) for mysidaces 10.2 ppm

LC50 acute (96 hours) for head of sheet 29.4 – 52.2 ppm

13. ELIMINATION CONSIDERATIONS

→ Elimination of big quantities of product must be controlled in an approved center according to the local limitations for the chlorinated solvents

14. TRANSPORT INFORMATIONS

→ Land carrying (ADR/RID):

N° ONU: 1897 – «Tetrachlorethylene One Dip»

Rank: 6.1

Packing group: III

→ Shipping carriage (IMDG):

N° ONU: 1897 Rank/of danger: 6.1

Packing group: III

→ **Air transport (ICAO/IATA):**

N° ONU: 1830 Rank: 6.1

Packing group: III

15. REGULATIONS

Symbol: Xn harmful (tétrachloréthylène 99,4%)

R :40 : suspected carcinogenic effects– not enough proofes

R51/53 Toxic for the watery organism, can result in harmful effects at long range for the watery environment

S : 23- 36/37 - 61

→ Do not breathe gases, smoke, vapors, and aerosol of One Dip.

→ Wear a protective clothing and suitable gloves

→ In case of accident or faint: see immediately a doctor (if possible showing him the label

→ 204 -825-9 - label CE

16. OTHER INFORMATIONS

→ Above informations are updated conscientiously, but cannot give an absolute warranty.

We are not responsible for any further utilization of the product

→ The informations regarding the law, regulations, classifications, prescriptions are referred to the Switzerland.

→ It is the duty of the product receiver to respect the national laws and prescriptions, as well as international prescriptions regarding on particularly the transport, the handling, the use and the elimination of the product

→ The given datas are not the specifications of the product