



MATERIAL SAFETY DATA SHEET

ONLYONE

Version : 1
Date : 13/12/2005
Supersedes 0/0/0

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION PRODUCT NAME: ONLYONE Recommended uses: Lytic reagent SUPPLIER: Name: Orphée SA Address: 19 Chemin du Champ des Filles CH-1228 PLAN DES OUATES SWITZERLAND Telephone number: Telefax number: EMERGENCY TELEPHONE NUMBER: ORFILA (France): Telephone: (33) (0)1 45 42 59 59	Physical and chemical hazards: - Fire or explosion: Not classified as flammable by EC criteria but may present a hazard in the event of a fire Classification of the product: According to EC regulations, this product is not classified as a «hazardous preparation» 4. FIRST AID MESURES Inhalation: Move the affected person away from the contaminated area and into the fresh air Skin contact: Rinse with water Eye contact: Rinse with plenty of water immediately If irritation persists, consult an eye specialist	6. ACCIDENTAL RELEASE MEASURES Personal precautions: Avoid contact with skin and eyes Environmental precautions: Contain the spilled material by binding Do not discharge into drains and rivers Methods for cleaning up: - Neutralization: Absorb spillage with: -earth or sand -inert absorbent material - Cleaning/decontamination: Wash non-recoverable remainder with large amounts of water - Disposal: Dispose of at a licensed waste collection point
2. COMPOSITION / INFORMATION ON INGREDIENTS PREPARATION: Chemical nature: An aqueous solution containing alkaline salts, buffers, leucoprotection agents, detergents, a non-toxic hemoglobin chelating agent and preservatives	5. FIRE-FIGHTING MEASURES Suitable extinguishing media: Any extinguishing agent can be used Specific hazards: On heating or during combustion: Toxic vapors may be released (CO, CO ₂) Specific fire fighting methods: Do not dispose of fire-fighting water in the environment Do not attempt to fight the fire without suitable protective equipment Protection of fire-fighters: Complete protective clothing Self-contained breathing apparatus	7. HANDLING AND STORAGE HANDLING Technical measures: Ventilation Precautions: Avoid contact with skin and eyes Do not breathe vapors
3. HAZARDS IDENTIFICATION MOST IMPORTANT HAZARDS: Adverse human health effects : No specific risk when handled in accordance with good occupational hygiene and safety practice Environmental effects: Presents no particular risk to the environment, provided the disposal requirements (see section 13) and national or local regulations are complied with		STORAGE Technical measures: Take all necessary measures to avoid accidental discharge of the product into drains and waterways due to the rupture of containers or transfer systems Storage conditions: - Recommended: Store: -the container tightly closed -away from any source of heat -at temperatures of between 18 – 25 °C - protected from frost Packaging materials: - Recommended: Original packaging



MATERIAL SAFETY DATA SHEET ONLYONE

Version : 1
Date : 13/12/2005
Supersedes 0/0/0

8. EXPOSURE/CONTROLS / PERSONAL PROTECTION Engineering measures: No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety Personal protective equipment: - Respiratory protection: If the ventilation is suitable, it is not necessary to wear respiratory equipment - Hand protection: Impermeable protective gloves (Breakthrough time : refer to the recommendations of the supplier) - Eye protection: Safety spectacles Hygiene measures: Do not drink, eat or smoke in the work place Always wash your hands after handling the product	11. TOXICOLOGICAL INFORMATION Acute toxicity: No specific data No specific risk when handled in accordance with good occupational hygiene and safety practice 12. ECOLOGICAL INFORMATION ECOTOXICITY: Effects on the aquatic environment: No information available, however this product is considered to present any particular risk for the aquatic environment 13. DISPOSAL CONSIDERATIONS WASTE FROM PRODUCT: Destruction/disposal: Dispose in accordance with relevant local regulations CONTAMINATED PACKAGING: Destruction/disposal: Dispose of at an approved site NOTE: The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal	15. REGULATORY INFORMATION EC LABELLING: - Symbols and indications of danger: None - R phrases: No R phrase - S phrases: No S phrase The regulatory information given above only indicate the principal regulations specifically applicable to the product described in the MSDS. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable international, national or local regulations or provisions. The sheet complements the technical sheets but does not replace them. The information given is based on our knowledge of the product, at the time of publication. It is given in good faith. Besides, the attention of the user is drawn to the possible risk incurred by using the product for any other use than that for which it was intended. In no way does this exempt the user from knowing and applying all the regulations controlling his activity. He alone will take on the responsibility for taking the precautions involved by the use of the product. The aim of all the mandatory regulations mentioned is just to help the user to fulfil his obligations regarding the use of hazardous products. This information must not be considered exhaustive. It does not exempt the user from ensuring that other obligations than those mentioned could apply, related to the storage and use of the product, this being his sole responsibility.																		
9. PHYSICAL AND CHEMICAL PROPERTIES <table><tr><td>Physical state:</td><td>Liquid</td></tr><tr><td>Color:</td><td>Yellow pale</td></tr><tr><td>Odor:</td><td>Odorless</td></tr><tr><td>pH:</td><td>6.5</td></tr><tr><td>Flammability characteristic:</td><td></td></tr><tr><td>- Flash point:</td><td>> 100°C</td></tr><tr><td>Relative density (water = 1):</td><td>1.015</td></tr><tr><td>Solubility:</td><td></td></tr><tr><td>- in water:</td><td>Complete</td></tr></table>	Physical state:	Liquid	Color:	Yellow pale	Odor:	Odorless	pH:	6.5	Flammability characteristic:		- Flash point:	> 100°C	Relative density (water = 1):	1.015	Solubility:		- in water:	Complete	14. TRANSPORT INFORMATION INTERNATIONAL REGULATIONS: RID/ADR/IMDG/IATA: Not restricted NOTE: The above regulatory prescriptions are those valid on the date of publication of this sheet. Given the possible evolution of transport regulations for hazardous materials, in case the present sheet is dating back to more than 12 months ago, it would be advisable to check their validity with your commercial agency	
Physical state:	Liquid																			
Color:	Yellow pale																			
Odor:	Odorless																			
pH:	6.5																			
Flammability characteristic:																				
- Flash point:	> 100°C																			
Relative density (water = 1):	1.015																			
Solubility:																				
- in water:	Complete																			
10. STABILITY AND REACTIVITY Stability: Stable at ambient temperature and under normal conditions of use Hazardous reactions: - Hazardous decomposition product: On combustion or on thermal decomposition (following the evaporation of water) releases: Carbon oxides (CO,CO ₂)																				