

Material Safety Data Sheet

May be used to comply with

OSHA's Hazard Communication Standard,
29 CFR 1910.1200. Standard must be
consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health
Administration

(Non-Mandatory Form)

Form Approved

OMB No. 1218-0072

IDENTITY (*As Used on Label and List*)

Electrolyte DE 40

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name

Ostling Markiersysteme GmbH

Emergency Telephone Number

011-49-212-2696-0 US 1-877-318-9562

Address (*Number, Street, City, State, and ZIP Code*)

Brosshauser Strabe 27

D-42697

Solingen, Germany

Telephone Number for Information

011-49-212-2696-0 US 1-877-318-9562

US Distributor - O-T Marking Systems

931 East Water Street

Chillicothe, Ohio 45601

1-877-318-9562

Date Prepared 08/30/01

Section II - Hazard Ingredients/Identity Information

Hazardous Components (Specific Chemical
Identity; Common Name(s))

OSHA
PEL

ACGIH
TLV

Other Limits
Recommended

%(*optional*)

preparation of anorganic and organic substances with oxidizing effect based on mineral water matrix

chemical characterization: CAS No. Designation: 7632-00-Orisk-phase R 25

Hazard designation	Void
--------------------	------

Section III - Physical/Chemical Characteristics

Boiling Point	Not determined	Specific Gravity (H ₂ O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	N/A
Solubility in Water 100%			
Appearance and Odor –transparent color and odorless			

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL	UEL
Non-combustible	N/A	N/A	N/A
Extinguishing Media			
Do not use extinguishing powder with ammonium salts			
Special Fire Fighting Procedures- None			
Unusual Fire and Explosion Hazards -None			

(Reproduce locally)

OSHA 174, Sept. 1985

Section V - Reactivity Data

Stability	Unstable NO		Conditions to Avoid - > 380 degrees celcius
	Stable YES		
Incompatibility (<i>Materials to Avoid</i>)- acids ammonium salts, amines			
Hazardous Decomposition or Byproducts - none			
Hazardous Polymerization	May Occur no		Conditions to Avoid - with acids reaction to nitrous fumes

	Will Not Occur- yes		
--	---------------------------	--	--

Section VI - Health Hazard Data

Route(s) of Entry: unknown	Inhalation? No irritants effects known	Skin? No irritant effects known	Ingestion No irritant effects known
Health Hazards (<i>Acute and Chronic</i>) Void			
Carcinogenicity: Unknown	NTP? N/A	IARC Monographs? N/A	OSHA Regulated? No
Signs and Symptoms of Exposure - no sensitizing effect			
Medical Conditions-unknown			
Generally Aggravated by Exposure- unknown			
Emergency and First Aid Procedures After inhalation supply fresh ai , after open skin contact- rinse with water, after eye contact rinse opened eye for several minutes with copious amounts of running water, after swallowing rinse out mouth and drink copious amounts of water- induce vomiting and consult doctor			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled – absorb mechanically
Waste Disposal Method –normal waste
Precautions to Be taken in Handling and Storing-Keep container tightly sealed.
Other Precautions- Can be disposed of into sewage system in accordance with pH regulations

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i> none		
Ventilation- well ventilated	Local Exhaust N/A	Special N/A
	Mechanical (<i>General</i>) keep container tightly sealed	Other N/A
Protective Gloves –not necessary		Eye Protection-not necessary
Other Protective Clothing or Equipment – not necessary		

Work/Hygienic Practices N/A

* U.S.G.P.O.: 1986 - 491 - 529/45775