



SAFETY DATA SHEET

Date 13-07-2011 Rev. 0

Appr. Dr. Michele Anzolin
Safety and R&D

PRODUCT NAME: TANDY WATERSTAIN SERIES

1. COMPANY AND PRODUCT IDENTIFICATION

PRODUCT NAME: TANDY WATERSTAIN SERIES

Recommended use and restrictions on use:

Waxes in water emulsion/dispersion for leather finishing

COMPANY FENICE SPA

Address: Via del lavoro, 1 - 36078 Valdagno (VI) ITALY

Telephone: +39 0445 424888 Fax: +39 0445 403607

Emergency Telephone number: +39 0445 424888 (Monday - Friday: 8:00-12:00; 14:00-17:30)

E-mail: health.safety@fenice.com

2. HAZARD IDENTIFICATION

Non-hazardous mixture according to Globally Harmonized System of Classification and Labeling of Chemicals.

GHS Classification --

Symbol: --

Signal word: --

Hazard Statements: --

Precautionary Statements: --

Other Hazards: --

3. COMPOSITION AND INFORMATION ON INGREDIENTS

Composition: Waxes in water emulsion/dispersion

Hazardous Ingredient	CAS Number	%
2-(2-butoxyethoxy)ethanol	112-34-5	<10
1-methoxy-2-propanol	107-98-2	5-14
Isoparaffin hydrocarbons	90622-57-4	<3
N-ethyl-2-pyrrolidone	2687-91-4	<3

4. FIRST AID MEASURES

- EYE** Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes. If necessary seek medical advice.
- SKIN** Remove contaminated clothing immediately. Wash the affected parts with soap and water.
- INHALED** Ventilate the premises. Move the patient to a well ventilated area for necessary rest. Should the patient feel unwell, obtain medical attention.
- SWALLOWED** Call a doctor immediately and show the safety data sheet. Do not bring on vomiting.

5. FIRE FIGHTING MEASURES

Fire extinguishing media

CO₂, foam, dry extinguishers, nebulised water.

Protective Equipment

Use breathing apparatus and wear protective clothing against chemical agents.

Further information

During combustion the mixture may release toxic or highly toxic gases. Avoid inhaling the fumes. Cool the containers exposed to the fire with water.



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6. SAFETY MEASURES IN CASE OF ACCIDENTAL SPILLAGE

Individual precautions

Avoid contact with eyes and skin. Do not breath the vapours.

Environmental precautions

Do not dispose of in such a way as to pollute. Do not pour into drains.

Methods of intervention

Stop the leak or spill and use inert absorbent material to surround the contaminated area. Collect and dispose in line with current laws and norms. Do not pour into drains.

7. HANDLING AND STORAGE

Handling

Avoid prolonged or repeated contact with skin. Use in line with safety and hygiene norms and rules.

Storage

Store in a well-ventilated place at a temperature between +5/40°C.

8. PERSONAL PROTECTION/EXPOSURE CONTROL

Respiratory system protection Not necessary if the product is handled in a well-ventilated place.

Hand protection Impermeable gloves.

Eyes protection Safety goggles.

Skin protection Normal work clothes.

Substances content exposure limits

There are no substances with workplace exposure limits.

2-(2-butoxyethoxy)ethanol	Na
1-methoxy-2-propanol	VLE: 8h 375 mg/m ³ -100 ppm / short 568 mg/m ³ -150 ppm (OEL IT)
Isoparaffin hydrocarbons	TLV-TWA=2700 mg/m ³
N-ethyl-2-pyrrolidone	Na

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: fluid

Odor: characteristic

Odor threshold: na

pH (at 20°C): 8

Melting point (°C): <0

Boiling point (°C): >100

Flash point (°C): >65

Evaporation Rate: na

Flammability (solid, gas): na

Explosion limits: na

Vapour pressure: na

Vapour pressure: na

Relative density (at 20°C): 0.97

Solubility in Water: miscible

Solubility in Organic Solvents: not miscible

Partition coefficient (n-octanol/water, log Kow): na

Autoignition Temperature (°C): na

Decomposition temperature (°C): na

10. STABILITY AND REACTIVITY

Conditions to be avoided The mixture is stable under normal storage/use conditions.

Hazardous reactions None in particular in the normal conditions of use.

Hazardous decomposition May produce toxic and noxious fumes in case of fire.

11. TOXICOLOGICAL INFORMATION

Eyes May cause irritation in case of contact.

Skin May cause irritation following prolonged or repeated exposure.

Inhalation Not dangerous under normal conditions of use.

• • • • •
May be dangerous if swallowed



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Toxicological data

2-(2-butoxyethoxy)ethanol	LD50 (oral, rat): >6500 mg/kg
1-methoxy-2-propanol	LD50 (oral, rat): >6000 mg/kg
Isoparaffin hydrocarbons	Na
N-ethyl-2-pyrrolidone	LD50 (oral, rat): 3200 mg/kg

Further Information

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12. ECOLOGICAL INFORMATION

Use in accordance with good industrial practice, protecting the environment. Avoid letting the product disperse into drains or penetrate into the soil.

Ecotoxicity Na
Biodegradability Readily biodegradable.
Bioaccumulative potential Not too likely to accumulate.

13. WASTE DISPOSAL

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. Doing so, comply with the local and national regulations currently in force.
The dirty empty packages are treated as their content. They must be eliminated with respect to local regulations and norms that are currently in force.

14. TRANSPORT INFORMATION

UN number □□□□
UN Proper shipping name --
Transport hazard class -- **Packing group** --
Marine pollutant NO

15. NORMS AND REGULATIONS

Labelling according to EC directives
Does not require labelling according to EC directive 1999/45 and subsequent updates.

Symbols --**RISK PHRASES**

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SAFETY PHRASES

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Contains: --**Special designation certain mixtures**

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16. OTHER INFORMATION**List of R Sentences**

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List of S Warnings

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Principal bibliographical sources

Handbook of chemistry and physics (69th edition)
N.I. Sax "Dangerous Properties of Industrial Materials" - 7° ed. 1989
NIOSH - Registry of Toxic Effect of Chemical Substances (1983)
Globally Harmonized System of Classification and Labeling of Chemicals
ACGIH - Occupational exposure limits
European Chemical Bureaux

Note

This product must be kept, handled and used in accordance with health and safety regulations, sound industrial practice and conforming to the laws in force.

The information given is based on our present knowledge, at the time of sending the data sheet and only serves for describing the product for security reasons, without guaranteeing specific properties.

Due to the various uses of our product and for factors not dependent on us, no responsibility is accepted for the use of this information.

Please keep your records up to date and make this sheet available to all relevant personnel. This safety sheet cancels and substitutes any other previous issue.

Variated points in respects to the previous version

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16