

SAFETY DATA SHEET

according to the Global Harmonized System

Sodium-2,2,3,3-tetradeutero-trimethyl-silylpropionate

1. Identification of the substance/preparation and of the company/undertaking

Synonyms	TSP-d4
Use of the Substance/Preparation	Additive
Company/Undertaking Identification	ARMAR AG Müligasse 7 CH-5312 Döttingen Schweiz Tel. +41 56 245 2600 admin@armar.ch
Emergency telephone number	Tox-Zentrum Zürich : 145 / +41 44 251 51 51 [24h/7d]
Revision Date	24.03.2010
Version	GHS 1

2. Hazards identification



WARNING!

Specific target organ toxicity (single exposure, inhalation), Cat. 3
Skin corrosion/irritation, Cat. 2
Serious eye damage/eye irritation, Cat. 2

3. Composition/information on ingredients

Components		Health hazards	CAS	REACH No.
Sodium-2,2,3,3-tetradeutero-trimethyl-silylpropionate	> 90%	CEy2 SSEIn3 CSk2	24493-21-8	

4. First aid measures

Inhalation	Move to fresh air. Consult a physician after significant exposure.
Skin contact	Wash with water and soap as a precaution.
Eye contact	Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists, consult a specialist.
Ingestion	Clean mouth with water and drink afterwards plenty of water.

5. Fire-fighting measures

Suitable extinguishing media	Use dry chemical, CO ₂ , water spray or alcohol foam.
Extinguishing media which must not be used for safety reasons	High volume water jet.
Special protective equipment for firefighters	Standard procedure for chemical fires.

6. Accidental release measures

Environmental precautions	No special environmental precautions required.
Methods for cleaning up	Clean up promptly by sweeping or vacuum. After cleaning, flush away traces with water.

7. Handling and storage

Handling	No special technical protective measures required.
Storage	Store at room temperature in the original container.

8. Exposure controls / personal protection

Occupational exposure controls	Avoid contact with skin, eyes and clothing.
Personal protection equipment	
Respiratory protection	No special protective equipment required.
Hand protection	Gloves made of latex.
Eye protection	Safety glasses.

9. Physical and chemical properties

Form	Solid.
Colour	White.
Odour	None.
Physical and chemical properties	Water solubility: completely soluble

10. Stability and reactivity

Stability	No decomposition if used as directed.
Materials to avoid	Strong oxidizing agents.
Hazardous decomposition products	None under normal use.

11. Toxicological information

Local effects	Irritating to eyes, respiratory system and skin. In case of skin irritations or allergic reactions see a physician.
Long term toxicity	Negligible.
Sensitization	None.
Human experience	This product has no known adverse effect on human health.

12. Ecological information

Ecotoxicity	No data available.
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13. Disposal considerations

Waste from residues / unused products	Dispose of as hazardous waste in compliance with local and national regulations.
Contaminated packaging	Offer rinsed packaging material to local recycling facilities.

14. Transport information

Further Information Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

GHS-Classification
Signal Word WARNING!
Hazard Statements Causes skin irritation.
Causes serious eye irritation.
May cause respiratory irritation.

Precautionary Statements Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash skin thoroughly after handling.
Wear protective gloves/protective clothing/eye protection/face protection.
IF ON SKIN: Wash with plenty of soap and water.
IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes.
Remove contact lenses, if present and easy to do. Continue rinsing.
Call a POISON CENTER or doctor/physician if you feel unwell.
If skin irritation occurs: Get medical advice/attention.
If eye irritation persists: Get medical advice/attention.
Dispose of contents/container to an approved waste disposal plant.

GHS product identifier Sodium-2,2,3,3-tetradeutero-trimethyl-silylpropionate, CAS-No. 24493-21-8, EC-No. 246-286-2

EC-Symbol(s) Xi - Irritant.

R-phrases(s) R36/37/38: Irritating to eyes, respiratory system and skin.

S-phrases(s) S26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36: Wear suitable protective clothing.

Regulatory Information The product is classified and labelled according to Regulation (EC) No. 1272/2008 (GHS/CLP).
The product is classified and labelled in accordance with Directive 1999/45/EC.

16. Other information

Recommended use	For research use only. For industrial application only.
GHS-Classification	CSk2: Skin corrosion/irritation, Cat. 2 CEy2: Serious eye damage/eye irritation, Cat. 2 SSEIn3: Specific target organ toxicity (single exposure, inhalation), Cat. 3
Further information	Take notice of the directions of use on the label.
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. It is not to be considered a warranty or quality specification.