

SAFETY DATA SHEET

SILVERMJUKLOD 53690053

Last changed: 10/07/2012

Replaces date: 03/07/2006

Internal No: 53690053

1 Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name / designation SILVERMJUKLOD 53690053

1.2 Relevant identified uses of the substance or mixture and uses advised against

Vendor art. number

53690103

1.3 Details of the supplier of the safety data sheet

NATIONAL MANUFACTURER/IMPORTER

Enterprise STANNOL
Address POSTFACH 201861
Postal code D-42218 WUPPERTAL
Country Tyskland
E-mail werner.kruppa@stannol.de
Telephone +49 202 5850

2 Hazards identification

2.1 Classification of the substance or mixture

DPD Classification:

CLP Classification:

Most important HSE hazard effects:

2.2 Label elements

Signal word: None

EC-Label: No

COMPOSITION

Silver (3 - 3,5 %), Tenn (96,5 - 97 %)

SUPPLEMENTAL HAZARD INFORMATION (EU)

Not classified.

2.3 Other hazards

3 Composition/information on ingredients

3.2 Mixtures

Ingredient name	Reg.No	EC No.	CAS No.	Conc. (wt%)	DPD-Classification	CLP-classification
Silver			7440-22-4	3 - 3,5 %		
Tenn			7440-31-5	96,5 - 97 %		

Full text of R-, H- and EUH-phrases: see section 16.

The EUH hazard statements mentioned in CLP-classification are only label elements.

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4 First aid measures

4.1 Description of first aid measures

INHALATION

Move the exposed person to fresh air at once. Contact physician if irritation persists.

INGESTION

Contact physician.

SKIN CONTACT

Contact physician if irritation persists.

EYE CONTACT

Rinse immediately with plenty of water. Splash in eye requires examination by eye specialist.

GENERAL

Place unconscious person on the side in the recovery position and ensure breathing can take place. When breathing is difficult, properly trained personnel may assist affected person by administering 100 % oxygen.

4.2 Most important symptoms and effects, both acute and delayed

4.3 Indication of any immediate medical attention and special treatment needed

5 Fire-fighting measures

5.1 Extinguishing media

SUITABLE EXTINGUISHING MEDIA:

Use extinguishing media appropriate for surrounding fire.

5.2 Special hazards arising from the substance or mixture

5.3 Advice for fire-fighters

ADVICE FOR FIREFIGHTERS

Use a respirator and other protective equipment. Avoid contact with skin and eyes.

6 Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

6.2 Environmental precautions

6.3 Methods and material for containment and cleaning up

METHODS AND MATERIAL

Collect the spillage into suitable containers.

6.4 Reference to other sections

7 Handling and Storage

7.1 Precautions for safe handling

PRECAUTION FOR SAFE HANDLING

Avoid breathing fire vapours. All handling to take place in well ventilated area. Use breathing apparatus in the event of insufficient ventilation. Wash your hands thoroughly after handling and before eating or smoking.

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7.2 Conditions for safe storage, including any incompatibilities

CONDITION FOR SAFE STORAGE, INCLUDING ANY UNCOMPATIBILITIES

Store dry. Keep in a cool place.

7.3 Specific end uses

8 Exposure controls / Personal protection

8.1 Control parameters

OEL value

Ingredient name	CAS no.	Range	ppm	mg/m3	Year	Notification
Silver	7440-22-4	8 h		0,1	2001	

R=Toxic for reproduction, H=Skin absorption, K=Carcinogenic, A=Sensitising, T=Upper limit, M=Mutagenic

8.2 Exposure controls

APPROPRIATE ENGINEERING CONTROLS

Use only in well-ventilated areas. Not translated to English

EYE PROTECTION

Use eye protection.

HAND PROTECTION

Protective gloves, heat insulating.

RESPIRATORY PROTECTION

Breathing apparatus must be used if the limit values are exceeded.

9 Physical and chemical Properties

9.1 Information on basic physical and chemical properties

PHYSICAL STATE Solid. Not translated to English

COLOUR Metal-coloured. Not translated to English

ODOUR Odourless. Not translated to English

Parameter	Value/unit	Method/reference	Observation
pH concentrate	No data		
pH in solution	No data		
Melting point	221 - 230 °C		
Freezing point	No data		
Initial boiling point and boiling range	No data		
Flash point	No data		
Evaporation rate	No data		
Flammability (solid, gas)	No data		
Flammability limits	No data		
Explosion limits	No data		
Vapour pressure	No data		
Vapour density	No data		
Relative density	No data		
Partition coefficient	No data		
Auto-ignition temperature	No data		
Decomposition temperature	No data		
Viscosity	No data		

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9.2 Other safety information

Parameter	Value/unit	Method/reference	Observation
Density	7 - 8 g/cm ³	vid 20°C	

Note no.	Comments

10 Stability and Reactivity

10.1 Reactivity

10.2 Chemical stability

10.3 Possibility of hazardous reactions

POSSIBILITY OF HAZARDOUS REACTIONS

May react with strongly oxidising substances.

10.4 Conditions to avoid

10.5 Incompatible materials

10.6 Hazardous decomposition products:

11 Toxicological information

11.1 Toxicological effects

12 Ecological information

12.1 Toxicity

12.2 Persistence and degradability

12.3 Bioaccumulative potential

12.4 Mobility in soil

12.5 Results of PBT and vPvB assessment

12.6 Other adverse effects

OTHER INFORMATION

Not regarded as dangerous for the environment.

13 Disposal considerations

13.1 Waste treatment methods

GENERAL REGULATIONS

Collect in containers for recycling or dumping. Dumped according to local and national regulations.

CATEGORY OF WASTE

EWC 08 01 20

14 Transport information

Classified as Dangerous Goods: No

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Land transport (ADR/RID)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Hazard label(s)	Not applicable.		
Hazard ID:	Not applicable.	Tunnel restriction code	Not applicable.

Inland water ways transport (ADN)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Environmentally hazardous in tank-vessels	Not applicable.		

Sea transport (IMDG)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Sub Risk:	Not applicable.		
IMDG Code segregation group	Not applicable.		
Marine pollutant	Not applicable.		
EMS:	Not applicable.		

Air transport (ICAO-TI / IATA-DGR)

14.1 UN-No.	Not applicable.	14.4 Packing group	Not applicable.
14.2 Proper Shipping Name	Not applicable.	14.5 Environmental hazards	Not applicable.
14.3 Class(es)	Not applicable.		
Hazard label(s)	Not applicable.		

15 Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

15.2 Chemical Safety Assessment

16 Other information