

Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH)
and ANSI Z400.1-2004



Trade name : Diruclean NS
Version : 19.03.2014
Revision : 19.03.2014

1.0.0

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

1.1 Product identifier

Diruclean NS

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

Relevant identified uses

Detergent

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier

Ateco Services AG

Street :

Weidenweg 17

Postal code/city :

4310 Rheinfelden

Telephone :

061 835 50 10

Telefax :

061 835 50 55

Information contact :

M. Vernier, +41 61 835 50 10 / info@ateco.ch / +49 3 52 04 39 24 0

1.4 Emergency telephone number

Swiss Toxicological Information Centre +41 44 251 51 51

2. Hazards identification

2.1 Classification of the substance or mixture

Classification according to Directive 67/548/EEC or 1999/45/EC

This mixture is classified as not hazardous according to 1999/45/EC.

2.2 Label elements

Labelling (67/548/EEC or 1999/45/EC)

Special provisions concerning the labelling of certain mixtures

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Safety data sheet available for professional user on request.

Labelling (ANSI Z400.1-2004)

HMIS® III Color bar (USA)



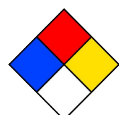
HMIS - Health : 0 (Minimal Hazard)

HMIS - Flammability : 0 (will not burn)

HMIS - Physical Hazard : 0 (Minimal Hazard)

HMIS - Personal Protection : B (A+Gloves)

NFPA 704 Fire diamond (USA)



NFPA - Health : 0 (normal material)

NFPA - Flammability : 0 (will not burn)

NFPA - Reactivity : 0 (stable)

NFPA - Special : EF (inapplicable)

2.3 Other hazards

None

3. Composition/information on ingredients

3.2 Mixtures

Hazardous ingredients

TETRAPOTASSIUM PYROPHOSPHATE ; EC No. : 230-785-7; CAS No. : 7320-34-5

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Weight fraction : 5 - 15 %
Classification 67/548/EEC : Xi ; R36
Classification 1272/2008 [CLP] : Met. Corr. 1 ; H290 Eye Irrit. 2 ; H319
TRIPOTASSIUM ORTHOPHOSPHATE ; EC No. : 231-907-1; CAS No. : 7778-53-2
Weight fraction : 5 - 15 %
Classification 67/548/EEC : Xi ; R36/38
Classification 1272/2008 [CLP] : Skin Irrit. 2 ; H315 Eye Irrit. 2 ; H319

Additional information

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

Regulation (EC) No. 648/2004: Labelling for contents

Phosphates 5 - < 15 %

4. First aid measures

4.1 Description of first aid measures

In case of inhalation

No particular measures required.

In case of skin contact

Remove contaminated, saturated clothing immediately. Water

After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately. Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

No information available.

4.3 Indication of any immediate medical attention and special treatment needed

None

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water

Unsuitable extinguishing media

None known.

5.2 Special hazards arising from the substance or mixture

None

5.3 Advice for firefighters

None

5.4 Additional information

None.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Take the normal precautionary measures for handling chemicals.

6.2 Environmental precautions

Do not allow to enter into surface water or drains.

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6.3 Methods and material for containment and cleaning up

None

6.4 Reference to other sections

None

7. Handling and storage

7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Protective measures

Measures to prevent fire

No anti-explosion measures necessary.

7.2 Conditions for safe storage, including any incompatibilities

Further information on storage conditions

Keep only in the original container in a cool, well-ventilated place.

7.3 Specific end use(s)

None

8. Exposure controls/personal protection

8.1 Control parameters

None

8.2 Exposure controls

Personal protection equipment

Eye/face protection

Eye glasses with side protection

Skin protection

Hand protection

Glove material: In full contact: Glove material: nitrile rubber Layer thickness: 0.11 mm Breakthrough time: > 480 minutes. In splash contact: Glove material: nitrile rubber Layer thickness: 0.11 mm Breakthrough time: > 480 minutes. The protective gloves to be used must comply with the specifications of EC directive 89/686/EEC and the associated standard EN374.

Body protection

Suitable protective clothing : No particular measures required.

General health and safety measures

Keep away from food, drink and animal feed.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state : liquid

Colour : clear Light yellow.

Safety relevant basis data

Boiling temperature/boiling range (1013 hPa) : 100 °C

Flash point : not applicable

Vapour pressure : (50 °C) No data available

Density : (20 °C) ca. 1.2 g/cm³

Solvent separation test : (20 °C) No data available

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Water solubility :	(20 °C)		100	g/l
PH value :	(20 °C / 10 g/l)	ca.	8	
Flow time :	(20 °C)		No data available	DIN-cup 4 mm
Viscosity :	(20 °C)		No data available	

9.2 Other information

None

10. Stability and reactivity

10.1 Reactivity

No information available.

10.2 Chemical stability

No information available.

10.3 Possibility of hazardous reactions

No information available.

10.4 Conditions to avoid

Thermal decomposition above 446°F.

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No information available.

11. Toxicological information

11.1 Information on toxicological effects

Acute effects

Acute oral toxicity

Parameter :	LD50
Exposure route :	Oral
Species :	Rat
Effective dose :	> 6000 mg/kg

12. Ecological information

12.1 Toxicity

Effects in sewage plants

Parameter :	Chemical oxygen demand (COD)
Effective dose :	68 g/kg

12.2 Persistence and degradability

Biodegradation

Analytical method :	Biodegradability according to OECD
Degradation rate :	< 90 %

Regulation on Detergents (EC) No 648/2004

The surfactant(s) contained in this preparation complies (comply) with the biodegradability criteria in accordance with Regulation (EC) No. 648/2004 regarding detergents. Documentation that supports this assertion are held at the disposal of the competent authorities of the Mem

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

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12.5 Results of PBT and vPvB assessment

No information available.

12.6 Other adverse effects

No information available.

12.7 Further ecological information

None

13. Disposal considerations

Recycle according to official regulations.

13.1 Waste treatment methods

Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

Waste code product

Waste code (91/689/EEC) : 07 06 01*

14. Transport information

14.1 UN number

No dangerous goods in sense of this transport regulation.

14.2 UN proper shipping name

No dangerous goods in sense of this transport regulation.

14.3 Transport hazard class(es)

No dangerous goods in sense of this transport regulation.

14.4 Packing group

No dangerous goods in sense of this transport regulation.

14.5 Environmental hazards

No dangerous goods in sense of this transport regulation.

14.6 Special precautions for user

None

15. Regulatory information

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

None

15.2 Chemical Safety Assessment

No information available.

16. Other information

The user is responsible for observing all required statutory provisions.

16.1 Indication of changes

None

16.2 Abbreviations and acronyms

None

16.3 Key literature references and sources for data

None

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16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 [CLP]

Classification according to Regulation (EC) No. 1272/2008 [CLP]

None

16.5 Relevant R-phrases (Number and full text)

H290	May be corrosive to metals.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
36	Irritating to eyes.
36/38	Irritating to eyes and skin.

16.6 Training advice

None

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.
