

Material Safety Data Sheet according to 91/155/EEC - ISO 11014-1

DIP-IT PLUS

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### 1. Identification of the product and of the company

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#### Identification of the product:

DIP-IT PLUS

Immersion detergent

#### Company/undertaking identification:

Ecolab AG., Kriegackerstr. 91, CH-4132 Muttenz

Tel.-Nr.: 061/4669-466

This product has been notified to the Swiss poison center. This center gives 24 hours help information in case of emergencies. Call 01-251-51 51.

### 2. Composition/information on ingredients

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#### Declaration according recommendation 89/542/EEC:

more than 30 %: oxygene based bleaching agents,

15 - 30 %: phosphates,

below 5 %: nonionic surfactants,

Further ingredients: silicates, carbonates, auxiliary substances

#### Declaration of ingredients:

>30 % sodium perborate  
Symbol: Xn,O  
R-phrase: 8-22-36/38  
EINECS: 234-390-0

15-30 % sodium metasilicate  
Symbol: C  
R-phrase: 34-37  
EINECS: 229-912-9

15-30 % sodium carbonate  
Symbol: Xi  
R-phrase: 36  
EINECS: 207-838-8

1-5 % fatty alcohol ethoxylate  
Symbol: Xn,N  
R-phrase: 22-41-50  
EINECS: polymer

Material Safety Data Sheet according to 91/155/EEC - ISO 11014-1

DIP-IT PLUS

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### 3. Hazards identification of the product

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C Corrosive

R 22: Harmful if swallowed

R 34: Causes burns  
R 37: Irritating to respiratory system

#### 4. First aid measures

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after inhalation:

Fresh air, consult doctor if complaint persist.

after skin contact:

Rinse with running water and soap. Skin care. Remove contaminated clothes.

after eye contact:

Immediately flush eyes with copious amounts of running water (for 10 minutes), put on a bandage with sterile gauze, see an oculist.

after ingestion:

Drink 1-2 glasses of water, seek immediate medical attention.

#### 5. Fire-fighting measures

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Suitable extinguishing media:

water or foam

Extinguishing media which must not be used for safety reasons:

none known

Special exposure hazards arising from the product itself, from combustion products or from resulting gases:

none known

Special protective equipment for firefighters:

Wear protective equipment.

#### 6. Accidental release measures

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Personal precautions:

Wear protective equipment.  
Keep unprotected persons away.

Environmental precautions:

Do not allow large amounts to be released into the sewer system.

Methods of cleaning up/of removing:

Remove mechanically

No.: CHE 00092164 00 Edition 04                      Revision 2003-03-27                      Page 3/ 6

Material Safety Data Sheet according to 91/155/EEC - ISO 11014-1

DIP-IT PLUS

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Other indications:

Immediately brush together any spoiled product and wash away in sink with a large quantity of water.

#### 7. Handling and storage

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Handling:

keep dust formation and -deposit to a minimum;

Storage:

keep container tightly sealed;  
store in a dry place;

Do not store together with edibles or other consumable substances.

#### 8. Exposure controls / personal protection

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Information on the system design:  
No further data, see item 7.

Components with specific control parameters:  
none

Personal protection:

Respiratory protection: dust mask when dust is generated  
Hand protection: Wear Category III (EN 374) chemical protective gloves made of butyl rubber or nitrile rubber. Please observe the glove manufacturer's instructions on permeability and rupture times as well as the specific workplace conditions.  
Eye protection: goggles which can be tightly sealed / facial protection  
Skin protection: suitable protective clothing

#### 9. Physical and chemical properties

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Physical state:	powder
Colour:	white
Odour:	odourless
pH:	(at 10g/l H <sub>2</sub> O) (20°C) 11.5
Flash point:	not applicable
Relative density:	1000 kg/m <sup>3</sup>
Solubility:	(20°C) soluble in water

No.: CHE 00092164 00 Edition 04                      Revision 2003-03-27                      Page 4/ 6

Material Safety Data Sheet according to 91/155/EEC - ISO 11014-1

DIP-IT PLUS

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#### 10. Stability and reactivity

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Conditions to avoid:  
No decomposition if used according to specifications

Materials to avoid:  
Reacts with water: generation of heat, spatters

Hazardous decomposition products:  
none known

#### 11. Toxicological information

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Cause burns

Inhalation:  
Irritating to respiratory system

Ingestion:

Harmful if swallowed

12. Ecological information

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Persistence and degradability:

Predominantly anorganic product. Information relating to biodegradability relates only to the organic component(s). This product contains surfactants which are at least 90 % biodegradable by reference to the German regulation June 4, 1986.

In case of discharge of acidic or alkaline products into the sewerage system the pH must be in the range of 6-10 since higher or lower pH values may damage the sewerage system or impair biological sewage treatment plants. Local discharge statutes have to be observed.

13. Disposal considerations

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Use rest of contents as far as possible according to instructions.  
collection and delivery to recycling enterprise or other registered elimination institution

Disposal of empty packaging: conduct orderly incineration.

No.: CHE 00092164 00 Edition 04                      Revision 2003-03-27                      Page 5/ 6

Material Safety Data Sheet according to 91/155/EEC - ISO 11014-1

DIP-IT PLUS

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14. Transport information

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Transport over land ADR/RID:

Class: 8                      PG: III  
1st numbering of tanks panel: 80  
2nd numbering of tanks panel: 3253  
Designation of goods:

UN 3253 Dinatriumtrioxosilicat, Gemisch  
"Transport in limited quantities according chapter 3.4 ADR/RID.  
It is valid for the following products which are transported in the complete and undamaged original packaging:" 6x2,1kg

Transport over inland waterways ADN/ADNR:

Class: 8 PG: III  
Designation of goods:  
UN 3253 Dinatriumtrioxosilicat, Gemisch

Transport over sea IMDG:

Class: 8                      UN-Nr.: 3253                      PG: III  
EmS: 8-06  
Proper shipping name:  
Disodium trioxosilicate, mixture

Transport by air ICAO/IATA:

Class: 8                      UN/ID-Nr.: 3253                      PG: III  
Pkg-Instr. (passengerair.): 822  
Pkg-Instr.(cargo air. only): 823  
Proper shipping name:  
Disodium trioxosilicate, mixture

## 15. Regulatory information

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Symbols of danger:

C Corrosive

Ingredients:

Sodium metasilicate

R-phrases:

R 22: Harmful if swallowed

R 34: Causes burns

R 37: Irritating to respiratory system

S-phrases:

S 22: Do not breathe dust

S 26: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

S 36/37/39: Wear suitable protective clothing, gloves and eye/face protection

S 45: In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible)

No.: CHE 00092164 00 Edition 04                      Revision 2003-03-27                      Page 6/ 6

Material Safety Data Sheet according to 91/155/EEC - ISO 11014-1

DIP-IT PLUS

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National regulations:

CH-Toxicity category: 3

FOPH T-Nr.: 681263

No product for public use

## 16. Other information

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This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

The product is provided for the professional user.

Full text of the R-phrases indicated by codes in this safety data sheet. The product code/identification/designation is indicated in Section 15.

R 8: Contact with combustible material may cause fire.

R 22: Harmful if swallowed

R 34: Causes burns

R 36: Irritating to eyes

R 36/38: Irritating to eyes and skin.

R 37: Irritating to respiratory system.

R 41: Risk of serious damage to eyes

R 50: Very toxic to aquatic organisms.