

INTRA AQUA ACID MINERAL**1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY**

Product	Intra Aqua Acid Mineral
Supplier	Intracare B.V. Voltaweg 4 5466 AZ Veghel - The Netherlands Tel.: +31-413-354105
Emergency telephone	+31-413-354105 (Fax.: +31-413-362324) Intracare B.V. – NL

2 HAZARDS IDENTIFICATION**Classification and Labelling according to GHS guidelines**

Classification	Corrosive
Signal word	Danger

**Symbol(s)****H & P phrases**

H315+H320 Causes skin and eye irritation.
P102 Keep out of reach of children.
P305+P35+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 IF exposed or concerned: Get medical advice / attention.
P280 Wear protective gloves / protective clothing / eye protection / face protection.

3 INFORMATION ON INGREDIENTS

This product is to be considered as a mixture in conformance to GHS directives
Information on hazardous ingredients

Chemical description: Combination of formic acid (33%), propionic acid (8%), lactic acid (5%), and copper and zinc in low concentrations (< 0,2%).

Information on ingredients

Number	CAS number	EG number	Chemical name
1	64-18-6	200-579-1	Formic acid
2	79-09-4	201-176-3	Propionic acid
3	598-82-3	209-954-4	Lactic acid

4 FIRST AID MEASURES

Symptoms and effects	Irritating to eyes and skin
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MATERIAL SAFETY DATA SHEET

INTRA AQUA ACID MINERAL

General	The usual precautions for handling with chemicals should be observed.
Inhalation	Move to fresh air. If symptoms persist, seek medical advice.
Skin	Wash off with plenty of soap and water.
Eye	Rinse thoroughly with plenty of water. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical advice if irritation persists.
Ingestion	Wash mouth provide vomiting. Drink plenty of water. Seek medical advice if symptoms persist

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5 FIRE-FIGHTING MEASURES

Extinguishing media	waterspray, foam, carbon dioxide
Unsuitable extinguishing media	None
Specific exposure hazards	None known

6 ACCIDENTAL RELEASE MEASURES

Personal precautions	For personal protection see Section 8.
Environmental precautions	Collect as much as possible in a clean container for (preferable) reuse or disposal.
Methods for cleaning up	Flush remainder with water (absorb the remainder with e.g. vermiculite). See also section 13.

7 HANDLING AND STORAGE

Handling	Wear protective equipment
Storage requirements	Store in a cool place and in original package.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering controls	Avoid contact with eyes. When using do not eat, drink or smoke.
Personal Protection	
Respiratory	In case of insufficient ventilation, wear a self-contained breathing apparatus with filter type "ABEK/P2"
Hand	Protective gloves
Eye	Wear eye/face protection
Skin and body	Body covering clothes and boots

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Liquid
Colour	Blue
Odour	Slightly acid
Boiling point/range	Not applicable
Freezing point	< -20°C
Flash point	Not relevant
Flammability	Not relevant
pH (100%)	1,0 - 3,0
Density	1,15 kg/dm ³
Solubility in water	Good
Solubility in other solvents	Not determined
Viscosity	Not relevant

10 STABILITY AND REACTIVITY

Stability	Stable under recommended storage and handling conditions (see section 7)
Hazardous reactions	Exothermic reactions with strong bases

11 TOXICOLOGICAL INFORMATION

Name	No experimental data are available on the substance of such. Formic acid: LD 50 /Rat 1100 mg/kg oral
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12 ECOLOGICAL INFORMATION

Name	No experimental data are available on the substance of such. From structurally related products the following may be expected; When diluted with a large amount of water, this material released directly or indirectly into the environment and is not expected to have a significant impact.
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13 DISPOSAL CONSIDERATIONS

Product According to local regulations.
Contaminated packaging No specific recommendations

14 TRANSPORT INFORMATION

Chemical description of product A concentrated liquid: a blend of organic acids and trace elements (see section 3 of this MSDS for the detailed chemical characterization of the product and its (hazardous) substances).

UN Number 3265

**ADR/RID/
Cargo** Class 8, II
UN 3265 Corrosive liquid, acidic, organic, n.o.s. (contains formic acid)
8, II

**ICAO/IATA/IMO/IMDG
Cargo** Class 8, II
UN 3265 Corrosive liquid, acidic, organic, n.o.s. (contains formic acid)
8, II

Symbol Label 8

15 REGULATORY INFORMATION

For classification and labeling according to Regulation (EU) 1272/2008 (CLP), see section 2.

Classification system

The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

Special labelling of certain preparations:

Use biocides safely. Always read the label and product information before use.

16 OTHER INFORMATION

This information only concerns the above mentioned product and does not need to be valid if used with other product(s) or in any process. The information is to our best present knowledge correct and complete and is given in good faith but without warranty. It remains the user's own responsibility to make sure that the information is appropriate and complete for his special use of this product.

History

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Revision 4
Composed by C. Vuldurs

Changes were made in section: 1, 2, 15