

Product Name: **msl Timbercheck**
Date 15 August 2006
Operation Safety Data Sheet (FINLAND)

IDENTIFICATION OF MANUFACTURER, IMPORTER, OR OTHER OPERATION TRADER OF CHEMICAL

Identification of Chemical

Product Name

msl Timbercheck

Identity Code

382 490 700

Purpose of Chemical

Purpose verbally notified

Burning and ignition prevention

Field Code

DD20 Manufacture of wooden products and timber, corks, fabrics, excluding furniture

Purpose Code

22 Fire protection and extinguishing material

Manufacturer, importer, other operation trader

Contact Information

IMPORTER/DISTRIBUTOR

UK and Ireland

Mainstage Presentation Technology Ltd

Email:

info@mainstage.info

Enterprise Identification Number:

2365161

Emergency phone numbers

General emergency number in UK: Tel: 999

During Work Hours:

U.K. Tel: +44 01524 844 099

National Poison Information Centres in the UK

BELFAST	Royal Victoria Hospital Grosvenor Road Belfast BT9 7BL	02890 632 032
BIRMINGHAM	City Hospital Dudley Road Birmingham B18 7QH	01215 074 123
CARDIFF	Llandough Hospital Penarth	02920 715 554
EDINBURGH	Royal Infirmary of Edinburgh Little France Crescent Edinburgh EH16 4SA	01312 421 381
NEWCASTLE	Wolfson Unit Claremont Place Newcastle-upon-Tyne NE2 4HH	01912 230 5460

Product Name: **msl Timbercheck**

Date 15 August 2006

COMPOSITION AND COMPONENT INFORMATION

Dangerous components

CAS-number Or other code	Component Name	Concentration	Caution marks, R-clauses & other Component Info
10045-86-0	Ferric(III)phosphate	30%	Xi; R36/38
77-92-9	Citric acid	1%	Xi; R36
9005-00-9	Polyoxyethylene (21) stearyl alcohol	0.5%	Xi; R41
7732-18-5	Water	68.5%	-

HAZARDS IDENTIFICATION

This product is classified Xi – Irritation:

Irritates eyes and skin.

FIRST AID INSTRUCTIONS

Particular Instructions

In case of an accident or nausea, the care of a doctor may be necessary. (If possible show this safety data sheet to the attending doctor)

Breathing

If spray or vapour is inhaled, move to fresh air and if required consult a doctor.

Skin

If there is a spillage of the chemical onto clothing, remove clothes and shoes as soon as possible. Rinse splashes away immediately with clean water. If skin irritation continues, consult a doctor.

Splashes into eyes

Rinse immediately with eyes open under clean running water, including below eyelids for at least 15 minutes.

If symptoms continue, consult a doctor.

Ingestion

Rinse the mouth and drink plenty of water.

Information for the doctor or other expert who gives first aid

Give care according to the symptoms.

INSTRUCTIONS IN CASE OF FIRE

Appropriate extinguishing media

The product will not self ignite. Use appropriate extinguishing method for the individual circumstances i.e. water, foam or powder.

Particular exposure danger in case of fire

Thermal decay can cause release of irritating gas and steam

Fire-fighting procedures

Use breathing apparatus and fireproof protection in case of fire.

Product Name: **msl Timbercheck**

Date 15 August 2006

INSTRUCTIONS INCASE OF ACCIDENTS

Instructions for prevention of personal injury

Ensure that there is sufficient ventilation. Use personal protection equipments

Instructions for prevention of environmental damage

Prevent leaks from containers. Do not allow the chemical to contaminate surrounding environment.

Do not pour into a watercourse.

Cleansing instructions

The product should be absorbed by an inert material (e.g. sand, soil, material binding acid, general cement.)

Gather mechanically and store in an appropriate container for disposal.

Rinse residue away with water.

HANDLING AND STORAGE

Handling

Avoid contact with skin, eyes and clothes. Avoid breathing steam/spray. Do not eat or drink when handling the material. Wash hands and face before break and soon after handling the product.

Storage

Keep Container tightly closed in a dry, cool, and well-ventilated place.

Do not keep with foodstuff or animal food products.

PREVENTION OF EXPOSURE AND PERSONAL PROTECTION

Exposure limit-value

HTP-value

CAS-number	Component name	
10045-86-0	Iron (III)phosphate	Fe: 1mg/m ³ (8 h) Iron, soluble salt

Prevention of exposure

Operational prevention of exposure

Choose the type of protective clothing and accessories according to the concentration and the amount of dangerous material at the workplace.

Breathing Protection

Do not breathe sprayed material. Where possible an adequate extractor system should be employed.

Use appropriate breathing apparatus if the ventilation is inadequate. For example: Breathing apparatus equipped with P3 filter.

Skin and Hand protection

Protective clothing. Wear clean and uncontaminated clothing.

Wear rubber or plastic gloves.

Eye protection

Closely fitting protection glasses or face guard. Having a bottle of eye-washing water and an eye bath available for use in the event of accidental splashes.

Hygiene measures

Never eat, drink or smoke in work areas. Comply with good personal hygiene practices after using this material, especially before eating, drinking, smoking or using the toilet.

It is advisable not to wear contact lenses when working with chemicals, as they may contribute to the severity of an eye injury.

Prevention of environmental contamination

Where possible use all materials for its intended purpose. Do not allow the material to contaminate the environment. Do not empty into drains or water courses.

Product Name: **msl Timbercheck**

Date 15 August 2006

PHYSICAL AND CHEMICAL PROPERTIES

General information (form, colour, odour)

Odourless and colourless liquid

Important information in terms of health and safety, and environment

pH Value	2.5
Boiling point/boiling area	1700°C (active material)
Flashing point	-
Relative density	1250 kg/m ³
Solubility	
Solubility in water	100%, fully water soluble
Solubility in fat (solvent oil, Individualise each)	insoluble

STABILITY AND REACTIVITY

Circumstances to avoid

Dangerous polymerisation does not occur

Materials to avoid

-

Dangerous disintegration

Disintegration does not occur, as long as the product is kept and handled in accordance with the instructions. However it will form an irritating gas in a fire.

TOXICOLOGICAL INFORMATION

Direct toxicity

This product is non-toxic

Irritativity and corrosivity

Irritates skin and eyes

Sub-acute, sub-chronic and long term toxicity

This product does not cause cancer

Other information concerning health effect

Iron (III)phosphate: NOAEL / NOEL/ via mouth/ 18-month old child = 52mg FePO₄ a day.

ECOLOGICAL INFORMATION

Eco-toxicity

Toxicity for organisms underwater

There is no data of such.

Rauta(III)fosfaatti: NOEC and LC50/96h/kirjolohi (rainbow trout, *Oncorhynchus mykiss*) > 100 mg/l.

NOEC and EC50/48h/vesikirppu (*Daphnia magna*) > 100 mg/l. NOEC ja EC50/72h/leva

(*Scenedesmus subspicatus*) > 100 mg/l.

Toxicity for other organisms

Iron(III)phosphate: LD50/birds > 2000 mg/kg. Mammal: LD50 > 5000 mg/kg bw.

Solubility

Water soluble 100%

Stability and disintegrativity

Biological disintegration

Bioaccumulationpotential

Other harmful effect

Manufacturer: Ecological damages are neither identified nor expected in normal use.

Product Name: **msl Timbercheck**

Date 15 August 2006

DISPOSAL OF WASTE MATERIAL

Avoid disposal where possible; make an attempt to use the material completely for its intended use.
Dispose of it in accordance with local and national constitution and local environmental control regulations.

TRANSPORT INFORMATION

YK-number -

Land transport

Other information This product is not classified with respect to transport

CHEMICAL SPECIFICATIONS AND REFERENCES

Caution label information

Caution mark and its name of the product

Xi Irritation

Components names to signify on caution label

Iron(III)phosphate

R-clauses

R36/38 Irritates skin and eyes

S-clauses

S2 Keep out of reach of children

S26 Rinse splashes in eyes immediately with clean running water (at least 15 minutes) and consult a doctor.

S39 Use eye or face guard.

S46 If the material is swallowed, immediate care of a doctor is necessary and show this package or label.

OTHERS

R-clauses of dangerous components of the chemical

R36/38 Irritates eyes and skin

R36 Irritates eyes

R41 Danger of serious damage of eyes

Additional information

Companies mentioned in section 1

Note!

This is an Operation Safety Data Sheet (Kayttoturvallisuustiedote) translated into English, which is valid in Finland and originally in Finnish language. However some parts that are extremely difficult to translate remain in original Finnish language. Since this is an unofficial translation, this does not bear the responsibility of any problems concerning the matter. Please use only for a reference and refer more to the original Finnish sheet if necessary.

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