

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

PRODUCT NAME:1001 MAX LWP+

IDENTIFIED USES Integral liquid Waterproofing and plasticiser

MANUFACTURER'S NAME: SEMITRONE CONCHEM LTD.

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Reviewed & Approved by

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2. HAZARDOUS INGREDIENTS

Classification of the substance or mixture

Classification (EC 1272/2008)

Physical hazardsNot Classified

Health hazardsSkin Irrit. 2 - H315 Eye Irrit. 2 - H319 Skin Sens. 1 - H317

Environmental hazards Not Classified

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

Label elements

Hazard pictograms



Signal Word

WARNING

Hazard Statements

H315 Causes skin irritation.

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

Precautionary statements

P261 Avoid breathing vapour/ spray.

P264 Wash contaminated skin thoroughly after handling.

P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.

P321 Specific treatment (see medical advice on this label).

P362+P364 Take off contaminated clothing and wash it before reuse.

P501 Dispose of contents/ container in accordance with national regulations.

Contains

CALCIUM LIGNOSULPHONATE, PRIMARY ALCOHOL ETHER SULPHATE

Supplementary precautionary statements

P272 Contaminated work clothing should not be allowed out of the workplace.

P302+P352 IF ON SKIN: Wash with plenty of water.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P332+P313 If skin irritation occurs: Get medical advice/ attention.

P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.

P337+P313 If eye irritation persists: Get medical advice/ attention.

OTHER HAZARDS

This product does not contain any substances classified as PBT or vPvB.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixtures

CALCIUM LIGNOSULPHONATE 30-60%

CAS number: 8061-52-7 EC number: 232-506-4

Classification

Not Classified

PRIMARY ALCOHOL ETHER SULPHATE 1-5%

CAS number: 68585-34-2

REACH registration number: 01-2119488639-16

Classification

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Aquatic Chronic 3 - H412

GENERIC NON-HAZ RM FILLER CODE 1-5%

CAS number: —

Classification

Not Classified-

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

4. FIRST-AID MEASURES

Description of first aid measures

General information When symptoms persist or in all cases of doubt seek medical advice.

Inhalation Move affected person to fresh air at once. Rinse nose and mouth with water.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.

Skin contact Wash immediately with copious quantities of water. Remove contaminated clothing immediately. Obtain medical advice if skin orders develop. Remove contaminated clothing immediately. Wash clothing before reuse.

Eye contact Do not rub eye. Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if irritation persists after washing.

Most important symptoms and effects, both acute and delayed

General information The severity of the symptoms described will vary dependent on the concentration and the length of exposure.

Inhalation May cause irritation.

Ingestion May cause discomfort.

Skin contact Irritating to skin. May cause sensitisation by skin contact.

Eye contact Irritating to eyes.

Indication of any immediate medical attention and special treatment needed

Notes for the doctor Treat symptomatically.

5. FIREFIGHTING MEASURES

Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

Special hazards arising from the substance or mixture

Hazardous combustion

Products Does not decompose when used and stored as recommended.

Advice for firefighters

Protective actions during

Firefighting Fire residues and contaminated fire-fighting water must be disposed of in accordance with the local regulations.

Special protective equipment

for firefighters Wear protective fire fighting clothing.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal precautions Avoid contact with skin and eyes. No action shall be taken without appropriate training or involving any personal risk.

Environmental precautions

Environmental precautions Avoid the spillage or runoff entering drains, sewers or watercourses.

Methods and material for containment and cleaning up

Methods for cleaning up Pick up with absorbent material (e.g. sand, universal absorbent, diatomaceous earth).

Waste, residues, empty containers, discarded work clothes and contaminated cleaning materials should be collected in designated containers, labelled with their contents.

Reference to other sections

Reference to other sections For personal protection, see Section 8. For waste disposal, see Section 13.

7. HANDLING AND STORAGE

Precautions for safe handling

Usage precautions Avoid contact with skin, eyes and clothing. Wear protective clothing, gloves, eye and face protection. Wash contaminated skin thoroughly after handling. Provide eyewash station and safety shower.

Advice on general

occupational hygiene

When using do not eat, drink or smoke. Good personal hygiene procedures should be implemented. Wash contaminated skin thoroughly after handling.

Take off immediately all contaminated clothing and wash it before reuse. Wash at the end of each work shift and before eating, smoking and using the toilet.

Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry, cool and well-ventilated place.

Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits

Not available.

CALCIUM LIGNOSULPHONATE

Long-term exposure limit (8-hour TWA): ACGIH/TLV: 0.1 mg/m³ res

TLV - Threshold Limit Value ppm 5 mg/m³

SODIUM HYDROXIDE

Short-term exposure limit (15-minute): WEL 2 mg/m³

WEL = Workplace Exposure Limit

PRIMARY ALCOHOL ETHER SULPHATE (CAS: 68585-34-2)

DNEL Workers - Dermal; Long term systemic effects: 2750 mg/kg/day

Workers - Inhalation; Long term systemic effects: 175 mg/m³

PNEC Fresh water; 0,24 mg/l
marine water; 0,024 mg/l
Intermittent release; 0,071 mg/l
Sediment (Freshwater); 5,45 mg/kg
Sediment (Marinewater); 0,545 mg/kg
Soil; 0,946 mg/kg
STP; 10000 mg/l

SODIUM HYDROXIDE (CAS: 1310-73-2)

DNEL Workers - Inhalation; Long term local effects: 1 mg/m³

Exposure controls

Protective equipment



Appropriate engineering

Controls Ensure that eyewash stations and safety showers are close to the workstation location.

Eye/face protection Tight-fitting safety glasses.

Hand protection Nitrile gloves are recommended.

Other skin and body

Protection Wear appropriate clothing to prevent any possibility of skin contact.

Hygiene measures Exercise good industrial hygiene practice. Wash after handling, especially before eating, drinking or smoking. Remove contaminated clothing immediately.

Environmental exposure

Controls Avoid release to the environment. Keep container tightly sealed when not in use.

9. PHYSICAL AND CHEMICAL PROPERTIES

INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

Appearance Liquid

Colour Dark brown.

pH 7.0 - 9.0

Initial boiling point and range >100 °C

Relative density 1.150 - 1.170 g/cm³

Solubility(ies) Soluble in water.

Explosive properties Not considered to be explosive.

Oxidising properties Does not meet the criteria for classification as oxidising.

Other information

Other information Not available.

10. STABILITY AND REACTIVITY

Reactivity

Reactivity Stable if used as directed.

Chemical stability

Stability This product is stable if stored and handled as indicated/prescribed.

Possibility of hazardous reactions
Possibility of hazardous Reactions No hazard known

Conditions to avoid
Conditions to avoid Heat and direct sunlight

Incompatible materials
Materials to avoid Strong oxidising agents.

Hazardous decomposition products
Hazardous decomposition Products Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

Information on toxicological effects
Toxicological effects No information available.

Acute toxicity – oral
ATE oral (mg/kg) 36,363.64

Acute toxicity - dermal
ATE dermal (mg/kg) 44,000.0

Acute toxicity - inhalation
ATE inhalation (dusts/mists mg/l) 250.0

General information No specific health hazards known.

Skin contact May cause an allergic skin reaction.

Eye contact May cause eye irritation.

Acute and chronic health

Hazards Inhalation No specific health hazards known.

Route of exposure Inhalation Skin and/or eye contact

Target organs No specific target organs known.

Medical symptoms No specific symptoms noted, but this chemical may still have adverse health impact, either in general or on certain individuals.

Toxicological information on ingredients.

CALCIUM LIGNOSULPHONATE

Acute toxicity – oral

Acute toxicity oral (LD₅₀mg/kg) 5,000.0

Skin corrosion/irritation

Animal data Not irritating.

Serious eye damage/irritation

Serious eye damage/irritation Not irritating.

5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6]

(3:1)

Acute toxicity – oral ATE oral (mg/kg)100.0

Acute toxicity – dermal

Acute toxicity dermal (LD₅₀mg/kg)88.0

Species Rabbit

ATE dermal (mg/kg)88.0

Acute toxicity - inhalation

Acute toxicity inhalation

(LC₅₀ dust/mist mg/l) 520.0

ATE inhalation

(dusts/mists mg/l) 520.0

5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE (CMIT)

Acute toxicity - oral

ATE oral (mg/kg)100.0

Acute toxicity - dermal

ATE dermal (mg/kg) 300.0

2-METHYL-4-ISOTHIAZOLIN-3-ONE(MIT)

Acute toxicity - oral

ATE oral (mg/kg)100.0

Acute toxicity - dermal

ATE dermal (mg/kg) 300.0

12. ECOLOGICAL INFORMATION

Toxicity

Ecological information on ingredients.

5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6](3:1)

Acute aquatic toxicity

LE(C)₅₀0.01 < L(E)C50 ≤ 0.1

M factor (Acute)10

Chronic aquatic toxicity

NOEC 0.001 < NOEC ≤ 0.01

Degradability Rapidly degradable

M factor (Chronic)1

5-CHLORO-2-METHYL-4-ISOTHIAZOLIN-3-ONE (CMIT)

Acute aquatic toxicity

LE(C)₅₀0.01 < L(E)C50 ≤ 0.1

M factor (Acute)10

2-METHYL-4-ISOTHIAZOLIN-3-ONE(MIT)

Acute aquatic toxicity

LE(C)₅₀0.001 < L(E)C50 ≤ 0.01

M factor (Acute)100

Persistence and degradability

Persistence and degradability No data available.

Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

Mobility in soil

Mobility The product is soluble in water.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

Other adverse effects None known.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

General information The generation of waste should be minimised or avoided wherever possible.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

14. TRANSPORT INFORMATION

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

UN number Not applicable.

UN proper shipping name Not applicable.

Transport hazard class(es) No transport warning sign required.

Packing group Not applicable.

Environmental hazards Environmentally hazardous substance/marine pollutant No.

Special precautions for user Not applicable.

Transport in bulk according to Annex II of MARPOL and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable.

15. REGULATORY INFORMATION

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

National regulations	The Manufacture, storage and import of hazardous chemicals rules 1989.
EU legislation	Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended). Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance Workplace Exposure Limits EH40.
CHIP for everyone HSG228.
Approved Classification and Labelling Guide (Sixth edition) L131.
Safety Data Sheets for Substances and Preparations.

Chemical safety assessment

No chemical safety assessment has been carried out.

16. OTHER INFORMATION

This information is furnished without warranty, representation, inducement or license of any kind; Except that it is accurate to the best of our knowledge, or obtained from sources believed by us to be accurate