

MATERIAL SAFETY DATA SHEET

1. PRODUCT IDENTIFICATION

PRODUCT NAME: MAX 3013 MAX SEMFLEX WP

MANUFACTURER'S NAME: SEMITRONE CONCHEM LTD.

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Reviewed & Approved by

Hitesh Gajjar

Vice President – R&D

2. HAZARDS IDENTIFICATION

Hazard Classification

Not classified as hazardous according to the criteria of ASCC.

Not classified as hazardous according to the criteria of HSNO Minimum degrees of hazard regulations.

Not classified as dangerous goods according to the Australian Code of Transport of Dangerous Goods (ADG).

Not classified as dangerous goods according to the Transport of Dangerous Goods on Land (NZS5433).

Risk phrase(s): None

Safety phrase(s): None

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Conc. Wt. %

Ca. 65 %

4. FIRST AID MEASURES

As a general rule, in case of doubt or if symptoms persist, always call a doctor.

NEVER induce swallowing by an unconscious person.

Description of first aid measures

In the event of exposure by inhalation :

Move victims into fresh air.

In the event of splashes or contact with eyes :

Wash thoroughly with soft and clean water during 15 minutes while keeping the eyes wide opened.

Refer the subject to an ophthalmologist, especially if there is redness, pain or visual discomfort.

In the event of splashes or contact with skin :

Wash immediately and thoroughly with water.

Wash with water and soap. if any sign/symptom develops seek for medical assistance.

In the event of swallowing:

Seek medical attention, showing the label.

Most important symptoms and effects, both acute and delayed

No data available.

Indication of any immediate medical attention and special treatment needed

No Data available.

5. FIREFIGHTING MEASURES

Non-flammable.

Extinguishing media

Special hazards arising from the substance or mixture

A fire will often produce a thick black smoke. Exposure to decomposition products may be hazardous to health.

Do not breathe in smoke.

In the event of a fire, the following may be formed :

- carbon monoxide (CO)
- carbon dioxide (CO₂)

Advice for firefighters

No data available.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
consult the safety measures listed under headings 7 and 8.

For first aid worker

First aid workers will be equipped with suitable personal protective equipment (See section 8).

Environmental precautions

Contain and control the leaks or spills with non-combustible absorbent materials such as sand, earth, vermiculite, diatomaceous earth in drums for waste disposal. Prevent any material from entering drains or waterways.

Methods and material for containment and cleaning up

Contain and collect for disposal. Recycle product if possible.

Reference to other sections

No data available.

7. HANDLING AND STORAGE

Requirements relating to storage premises apply to all facilities where the mixture is handled.

Precautions for safe handling

No special measures necessary if used correctly..

The product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with government regulations.

Fire prevention:

No special measures necessary

Recommended equipment and procedures:

No data available.

Prohibited equipment and procedures:

No smoking, eating or drinking in areas where the mixture is used.

Conditions for safe storage, including any incompatibilities

No data available.

Storage

Store in a cool place away from heat

Shelf Life

12 months when stored at 10 - 30°C

Packaging

Always keep in packaging made of an identical material to the original.

Specific end use(s) No data available.

8 : EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Occupational exposure limits :

- ACGIH TLV (American Conference of Governmental Industrial Hygienists, Threshold Limit Values, 2010) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-41-5			25 ppm		

- France (INRS - ED984 / 2020-1546) :

CAS	VME-ppm :	VME-mg/m3 :	VLE-ppm :	VLE-mg/m3 :	Notes :	TMP No :
107-41-5	-	-	25	125	-	84

- UK / WEL (Workplace exposure limits, EH40/2005, Fourth Edition 2020) :

CAS	TWA :	STEL :	Ceiling :	Definition :	Criteria :
107-41-5	25 ppm 123 mg/m ³	25 ppm 123 mg/m ³			

Exposure controls

Personal protection measures, such as personal protective equipment

Pictogram(s) indicating the obligation of wearing personal protective equipment (PPE) :



Use personal protective equipment that is clean and has been properly maintained.

Store personal protective equipment in a clean place, away from the work area.

Never eat, drink or smoke during use. Remove and wash contaminated clothing before re-using. Ensure that there is adequate ventilation, especially in confined areas.

- **Eye / face protection**
- Avoid contact with eyes.
- Use eye protectors designed to protect against liquid splashes
- Before handling, wear safety goggles in accordance with standard EN166.
- **Hand protection**
- Wear suitable protective gloves in the event of prolonged or repeated skin contact.
- Type of gloves recommended:
- Natural latex
- Nitrile rubber (butadiene-acrylonitrile copolymer rubber (NBR))

- PVC (polyvinyl chloride)
- Butyl Rubber (Isobutylene-isoprene copolymer)
- **Body protection**
- Work clothing worn by personnel shall be laundered regularly.
- After contact with the product, all parts of the body that have been soiled must be washed.

9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties Physical state

Physical state :

Fluid liquid.

Colour

Milk y/T ransluc ent/Yellowish/clear h a z y /Whitish

Odour

Acrylic Solu

Odour threshold:

N/A

Melting point

Melting point/melting range :

Not stated.

Freezing point

Freezing point / Freezing range :

Boiling point or initial boiling point and boiling range

Not specified.

Boiling point/boiling range :

Flammability

Not stated.

Flammability (solid, gas)

: Lower and upper

Not specified.

explosion limit

Not stated.

Explosive properties, lower explosivity limit (%) :

Not stated.

Explosive properties, upper explosivity limit (%) :

Not stated.

Flash point

Flash point interval: **Auto-**

> 123 °C (not auto flam m able).

ignition temperature Self-

ignition temperature :

Not specified.

Decomposition temperature

Decomposition point/decomposition range :

Not specified.

pH

pH :

7.0 -9.5

Neutral.

pH (aqueous solution) :

Not stated.

Kinematic viscosity

Viscosity :

Not stated.

Viscosity:

50 - 6500 CP S (Brook field)

Solubility

Water solubility :

Soluble.

Fat solubility :

Not stated.

Partition coefficient n-octanol /water (log value)

Partition coefficient: n-octanol /water :

Not stated.

Vapour pressure

Vapour pressure (50°C) :

Not relevant.

Density and/or relative density

Density :

= 1

Method for determining the density :
ISO 3507 (Laboratory glassware -
Pycnometers).

Relative vapour density

Vapour density :

Not stated.

Other information

No data available.

Information with regard to physical hazard classes

No data available.

Other safety characteristics No data available.

10. STABILITY AND REACTIVITY

Reactivity

No data available.

Chemical stability

This mixture is stable under the recommended handling and storage conditions in section 7.

Possibility of hazardous reactions No data available.

Conditions to avoid Avoid :

- frost

Incompatible materials

Keep away from:

- strong bases

Hazardous decomposition products

The thermal decomposition may release/form:

- carbon monoxide (CO) - carbon dioxide (CO₂)

11. TOXICOLOGICAL INFORMATION

Information on hazard classes as defined in Regulation (EC) No 1272/2008 No data available.

Substances

No toxicological data available for the substances.

Mixture

No toxicological data available for the mixture.

SECTION 12. ECOLOGICAL INFORMATION

Toxicity

Mixtures

No aquatic toxicity data available for the mixture.

Persistence and degradability

Mixtures

Biodegradability in water: Inherently biodegradable.
Aerobic.
OECD Guideline 302 B (Inherent biodegradability: Zahn-Wellness/EMPA Test) Aerobic.

Bio accumulative potential

No data available.

Mobility in soil

No data available.

Results of PBT and vPvB assessment

No data available.

Endocrine disrupting properties

No data available.

Other adverse effects

No data available.

German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :

Nicht wassergefährdend : Not hazardous for water.

13. DISPOSAL CONSIDERATIONS

Proper waste management of the mixture and/or its container must be determined in accordance with Directive 2008/98/EC.

Waste treatment methods

Do not pour into drains or waterways.

Waste:

Waste management is carried out without endangering human health, without harming the environment and, in particular without risk to water, air, soil, plants or animals.

Recycle or dispose of waste in compliance with current legislation, preferably via a certified collector or company.

Do not contaminate the ground or water with waste, do not dispose of waste into the environment.

Soiled packaging:

Empty container completely. Keep label(s) on container.

Give to a certified disposal contractor.

14: TRANSPORT INFORMATION

Exempt from transport classification and labelling.

UN number or ID number

-

UN proper shipping name

-

Transport hazard class(es)

-

Packing group

-

Environmental hazards

-

Special precautions for user

15. Regulatory information

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

- **Classification and labelling information included in section 2:**
- The following regulations have been used:
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/643 (ATP 16)
- EU Regulation No. 1272/2008 amended by EU Regulation No. 2021/849 (ATP 17)
- **Container information:**
- No data available.
- **Particular provisions :**
- No data available.
- **German regulations concerning the classification of hazards for water (WGK, AwSV vom 18/04/2017, KBws) :**

Nicht wassergefährdend : Not hazardous for water.

Chemical safety assessment

No data available.

16. OTHER INFORMATION

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations.

The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions.

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations.

The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

Wording of the phrases mentioned in section 3 :

H315	Causes skin irritation.
H319	Causes serious eye irritation.

Abbreviations:

REACH: Registration, Evaluation, Authorization and Restriction of Chemical Substances.

UFI: Unique formulation identifier.

STEL: Short-term exposure limit

TWA: Time Weighted Averages

TMP: French Occupational Illness table

TLV: Threshold Limit Value

(exposure) AEV : Average Exposure Value.

AD: European agreement concerning the international carriage of dangerous goods by Road.

IMDG: International Maritime Dangerous Goods.

IATA: International Air Transport Association.

ICAO: International Civil Aviation Organisation

RID: Regulations concerning the International carriage of Dangerous goods by rail.

WGK: Wassergefährdungsklasse (Water Hazard Class).

PBT: Persistent, bio accumulable and toxic. vPvB : Very persistent, very bio accumulable.

SVHC: Substances of very high concern.