

SAFETY DATA SHEET



1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY

Product name: POTMIX ANTI-ADHESIVE

Relevant identified uses of the substance or mixture: Anti-adhesive agent for machinery and tools used with bituminous products.

Supplier: Potmix Products AB
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630 14 Eskilstuna
Sweden

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Telefax no.: +46 16 132 967

E-mail: info@potmix.com

Emergency telephone no.: +44 7971 217 347 (UK) or your local emergency services number.

2. HAZARDS IDENTIFICATION

2.1 Classification of the substance:

According to 1272/2008: Classified as a non-dangerous good.

According to 1999/45/EG: The product is assessed and classified as a non-dangerous good.

2.2 Label elements:

According to 1272/2008:

Risk phrases: Not applicable.

Safety phrases: Not applicable.

According to 1999/45/EG: See section 16.

2.3 Other hazards: Not applicable.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1 This product composes of a mixture of liquid ingredients.

3.2

Ingredient	Classification	Concentration
Mixture (surfactants and others)	Trade secret (registered)	Trade secret

4. FIRST AID MEASURES

4.1 Skin contact: Wash with plenty of water and soap. As the need arises, seek medical advice.

4.2 Eye contact: Rinse cautiously with water for above 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

4.3 Ingestion: Do not induce vomiting. If the victim is conscious and not convulsing, give water or milk to drink, and immediately get medical attention.

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4.4 Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing. As the need arises, seek medical advice.

5. FIREFIGHTING MEASURES

5.1 Suitable extinguishing media:

Carbon dioxide, foam and powders.

5.2 Extinguishing media to avoid:

A water bar.

5.3 Fire and explosion hazards:

On combustion, generates toxic gases (e.g. carbon monoxide, nitrogen oxide).

5.4 Protective equipment: Wear positive pressure self-contained breathing apparatus. Wear full protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions: Wear protections (e.g. protective gloves, goggles and gas respirator) during work.

6.2 Spill or leak procedures

6.2.1 Environmental precautions:

Prevent the spilled material entering into a river or sewers.

6.2.2 Methods for cleaning:

Small Spill and Leak: After absorb with sawdust, earth, sand, waste, etc. wash away the remainder with water in order not to spill into a river or a canal.

Large Spill and Leak: Because of prevention of more flow to neighborhood, prevent flow by surrounding with the earth and sand, etc. and recover in a drum, etc.

7. HANDLING AND STORAGE

7.1 Handling: Establish a washing equipment for eyes and body near a handling area. Wear adequate protections (e.g., protective gloves and goggles, etc.).

7.2 Storage: Keep below 45°C to avoid the product from getting clouded. Keep container closed. Store in dark, dry and well ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Exposure controls: Local exhaust ventilation may be necessary.

8.2 Exposure control limits:

Not established.

8.3 Personal Protection

8.3.1 Respiratory protection:

It is not always necessary in a normal handling.

8.3.2 Hand protection:

Impermeable gloves.

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8.3.3 Eye Protection: Protective goggles.

8.3.4 Skin protection: Protective clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Appearance

9.1.1 Physical stage: Liquid.
9.1.2 Color: Blue.
9.1.3 Odor: Distinct odor.

9.2 Safety-relevant data

9.2.1 Flash Point (°C): None.
9.2.2 Flammable limits in air (mg/l): LEL = 1.2 vol%, UEL = 13 vol% [Confidential ingredient]

9.3 Other data

9.3.1 Coagulation point: -12°C
9.3.2 Specific gravity: 1.03 (25°C)
9.3.3 pH: 6.7
9.3.4 Solubility in water: Soluble.

10. STABILITY AND REACTIVITY

10.1 Chemical stability: Stable under normal storage and handling conditions.

10.2 Reactivity: Not particularly specified.

10.3 Conditions to avoid: Keep below 45°C to avoid the product from getting clouded.

10.4 Hazardous

decomposition products: Carbon monoxide, nitrogen oxides, etc.

11. TOXICOLOGICAL INFORMATION

11.1 Acute toxicity Not available

11.2 Local effect

Skin corrosion/irritation: May cause irritation.

Serious eye damage/eye irritation: May cause irritation.

11.3 Carcinogenicity Not listed on EU-carcinogen list, IARC and NTP.

12. EKOLOGICAL INFORMATION

12.1 Persistent/Biodegradable

Degradation: 63%(BOD), Activated sludge: 30mg/l. Concentration: 100mg/l. 28days.

12.2 Aquatic toxicity

LC₅₀(96) >100mg/l, Oryzias latipes.

13. DISPOSAL CONSIDERATION

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May be burned in an adequate incinerator in accordance with all applicable regulations. Any disposal of contents/container must be in accordance with local/ regional/ national/international regulation (contact regional or national environmental agency for specific rules).

14. TRANSPORT INFORMATION

14.1 IMDG: Not hazardous material.

14.2 UN No.: None.

15. REGULATORY INFORMATION

TSCA Status: Registered.

EC No.: Registered substances or existing polymers.

16. ÖVRIG INFORMATION

16a. Information on the changes that have been made to the previous version

Revisions of this document

This is version 230615/PPAB/MA_1.

16b. Explanation of abbreviations and acronyms

Key to abbreviations

IARC = International Agency for Research on Cancer

NTP = National Toxicology Program (USA)

IMDG = International Maritime Dangerous Goods

TSCA = Toxic Substances Control Act (USA)

16c. Key literature references and sources for data

Data Sources

Primary data for the calculation of the dangers has primarily taken from the official European classification list, 1272/2008 Annex I, updated to 2014-09-16. Where such data is unavailable, the alternatively used documentation forms the basis for the official classification, eg IUCLID (International Uniform Chemical Information Database). In third hand information from reputable international chemical company have been used. Lastly available information, eg from other suppliers' safety data sheets or from non-profit organizations, with an expert assessment made by the source's credibility have been used. If, despite this, reliable information is not found, dangers assessed by experts on the basis of known dangers from similar substances, in which the principles of 1907/2006 and 1272/2008 have been followed.

Full text of the provisions mentioned in this MSDS

453/2010	COMMISSION REGULATION (EU) no. 453/2010 of 20 May 2010 amending European Parliament and Council Regulation (EC) no. 1907/2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH).
1272/2008	EUROPEAN PARLIAMENT AND COUNCIL REGULATION (EC) no. 1272/2008 of 16 December 2008 on classification, labeling and packaging of substances and mixtures, amending and repealing Directives 67/548/1999/45 / EC, and amending Regulation (EC) no. 1907/2006.
1999/45/EC	THE EUROPEAN PARLIAMENT AND COUNCIL DIRECTIVE 1999/45/EC of 31 May 1999 on the approximation of laws, regulations and administrative provisions relating to the classification, packaging and labeling of dangerous preparations.

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- AFS 2011:18 Work Environment Authority's regulations and general guidelines on exposure limits.
- 89/391 COUNCIL DIRECTIVE (89/391/EEC) of 12 June 1989 on measures to encourage improvements in the safety and health at work.
- 1907/2006 EUROPEAN PARLIAMENT AND COUNCIL REGULATION (EC) no. 1907/2006 of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) no. 793/93 and Commission Regulation (EC) no. 1488/94 and Council Directive 76/769/EEC and Commission Directive 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/ C Annex I.

16d. Methods for evaluating the information provided 1272/2008 Article 9 which was used for the classification

The calculation of the dangers of this mixture has been made that a joint assessment with the help of expert judgment in accordance with 1272/2008 Annex I, where all available information that may be important to determine the hazards of the mixture, and in accordance with 1907/2006 Appendix XI.

16e. Advise on appropriate training for employees in order to protect human health and the environment

Warning of misuse

This product is not expected to cause serious harm to humans or the environment. The manufacturer, distributor or supplier cannot accept responsibility for unusual or criminal use of the product.

Other relevant information

Label elements according to 1999/45/EC

Hazard	Not applicable
Phrases	Not applicable
Phrases	Not applicable

Information on this document

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