

Material Safety Data Sheet

Issued: April 10, 2008

1. Product and company identification**Preparation identity**

Product code : IS-401-00
Commercial name : Energikä
Product application : Ecological floor stripper

**Manufacturer identification**

Innu-Science Canada Inc. , (cf. section 16)
Emergency phone number : Québec Poison Control Centre (24 hour service)
Québec: (800) 463-5060 All other areas: (418) 656-8090

2. Composition, information on ingredients**Ingredients presenting a risk hazard**

Chemical name	CAS #	%	LD ₅₀	Classification
Monoethanolamine	141-43-5	15 - 20	1720 mg/kg oral, Rat	E
Buthyl Carbitol	112-34-5	5 - 10	3384 mg/kg oral, Rat	D2B
Benzyl Alcohol	100-51-6	7 - 13	1230 mg/kg oral, Rat	D2B

3. Hazards identification

Physic/chemical hazard Corrosive product.
Health risk May cause a permanent damage in case of direct contact with eyes, skin and respiratory tracts. May cause burn at mouth, thorax and stomach in case of ingestion.
Environmental risk No known hazard

4. First aid measures

Inhalation Remove to fresh air. It is also recommended to have medical personnel check immediately.
Eyes Immediately flush eyes with plenty of water. It is also recommended to have medical personnel check immediately.
Ingestion Do not induce vomiting. Rinse mouth and throat thoroughly with water. Drink water. Consult a physician if discomfort persists.
Skin Rinse with plenty of water. It is also recommended to have medical personnel check immediately.

5. Fire fighting measures

Extinguishing media Dry chemical, Carbon dioxide, Foam, Water
Special fire fighting measures Not available data
Flammability Not available data
Unusual risk of fire/explosion Not available data

6. Accidental release measures

Individual protection Wear suitable individual protections (see section 8).
Clean-up procedures In case of important spillage: dilute with water and mop up or absorb with an inert DRY material and place in an appropriate waste disposal container. Finish cleaning by spreading water on the contaminated surface and dispose according to local and regional authority requirements.

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7. Handling and storage

Handling	Avoid direct contact with eyes, skin and clothes. Avoid breathing the vapors
Storage	Fresh and dry storage conditions are required. Keep out of reach of children. Keep the container well closed. Keep from freezing.

8. Exposure controls/personal protection

Keep in it's original container	
Engineering controls	Standard ventilation is required.
Personal protection device	
Skin	Wear safety gloves.
Body	Wear lab coat.
Eyes	Wear safety glasses.

9. Physical and chemical properties

Physical aspect	Liquid
Color	Transparency, slightly turbid
Odour	Characteristic
Water solubility	Easily soluble in water
pH	11 - 12
Relative density	1.015 - 1.040
Flash point	>95°C (ASTM D3828)
Freezing point	Not applicable

10. Stability and reactivity

Stability	Stable under normal conditions of use
Conditions to avoid	No available data
Dangerous reactions	Reactive with strong oxidizing agents and strong acid.
Hazardous decomposition products	Produce normal products of combustion.

11. Toxicological information

Toxicity LD50/LC50	No available data
Skin	Corrosive in case of direct contact with skin.
Respiratory	Corrosive in case of direct contact with respiratory tracts.
Eyes	Corrosive in case of direct contact with eyes.
Ingestion	Toxic in case of ingestion.

12. Ecological information

No available data

13. Disposal considerations

Not diluted the product is regulated like a corrosive waste Avoid creating or minimize waste. Dispose of excess and non-recyclable products with an authorized waste collection provider. Disposal of this product and its solutions and by-products should always be in accordance with regulations on environmental protection and waste disposal, as well as the regulations of all local authorities.

14. Transport information

Ethanolamine in solution UN2491 Classe 8 G.E. III (Exemption 1.17 quantity limited if the container is smaller than 5 liters. Exemption 1.16 maximum quantity of 500 kg)

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15. Regulatory information

Danger Symbols



E

Classification

Safety advice

Avoid direct contact with eyes, skin and respiratory tracts.
Do not ingest.

16. Other information

This Material Safety Data Sheet is complementary to the technical sheet of utilisation but it doesn't replace it. The information contained in this MSDS is believed to be true and it is based on our actual knowledge on this product.

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