

SDS Reference ES9999
Version No. 2
Revision Date 01/08/2002
Origination Date 10/10/2001

Safety Data Sheet

REVISION



Product Name AUNTY MARY'S CLEANER

1. IDENTIFICATION OF SUBSTANCE / PREPARATION AND COMPANY

Product Name AUNTY MARY'S CLEANER

Synonym (s)

Intended/Possible Product Use Cleaning

Company Identification ENVIRONMENTAL SCIENCE LIMITED
3 Station Approach, Station Road
March, Cambridgeshire
PE15 8SJ

Telephone 01354 653222

Emergency Telephone 01480 459229

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Characterisation

<u>Chemical name</u>	<u>CAS-No</u>	<u>EINECS/ELINCS</u>	<u>Classification</u>	<u>Concentration %</u>
Solvent 1	123-45-6	457-111-1	T: R23/25 Xi: R36/37/38	80-90
Solvent 2	789-12-3	457-117-7	T: R23/25 Xi: R36/37/38	<5
Impurities			T: R23/25 Xi: R36/37/38	<5

3. HAZARDS IDENTIFICATION



TOXIC

Physical & Chemical:

Health: TOXIC BY INHALATION AND IF SWALLOWED
IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN

Environmental: NOT CLASSIFIED FOR ENVIRONMENTAL

Further Information:

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4. FIRST AID MEASURES

General information	Take measures to avoid further contamination or contact. Remove contaminated clothing immediately, to be disposed of or washed before reuse.
Inhalation	If inhaled, provide fresh air, warmth, rest and SEEK MEDICAL ADVICE.
Skin contact	Clean areas of skin affected immediately with soap and plenty of water. SEEK MEDICAL ADVICE.
Eye contact	In case of contact with eyes, rinse immediately with plenty of water until irritation subsides. CONSULT AN EYE SPECIALIST/OPHTHALMOLOGIST.
Ingestion	If product is swallowed, do NOT induce vomiting. Drink plenty of water and SEEK MEDICAL ADVICE. Show the product label or this safety data sheet.
Further information	

5. FIRE FIGHTING MEASURES

General hazard	THE PRODUCT WILL BURN IN A FIRE
Extinguishing media	To suit local surroundings (e.g. carbon dioxide, foam, chemical powder)
Extinguishing media not to be used	
Special exposure hazards	Decomposition products released in a fire, (oxides of carbon, oxides of nitrogen), should be considered toxic if inhaled.
Protective equipment	Wear self-contained breathing apparatus and a chemical resistant suit.
Further information	

6. ACCIDENTAL RELEASE MEASURES

Methods for cleaning up	Adhere to personal protective measures. Take up mechanically (e.g. sweep or vacuum up) into tightly closable containers. Label container and dispose of as prescribed.
Environmental considerations	Do not allow to get into waste water or waterways; if this occurs, inform the relevant water authority at once.
Further information	

7. HANDLING & STORAGE

Advice on safe handling	Handle in accordance with good hygiene and safety practice.
Storage conditions	Ensure adequate ventilation of the storage area. Keep containers tightly closed, cool and dry.
Further information	

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure controls	Monitoring of the workplace should be considered in accordance with Community Exposure Limits (EH40 etc)			
	LTEL (8 hour TWA):	ppm	0.01-0.1	mg/m ³ In house
	STEL (15min)	ppm	0.03-0.3	mg/m ³ In house
Engineering controls	Provide local exhaust ventilation.			
Personal protection	Observe normal standards for handling chemicals. Avoid eye and skin contact. Wash thoroughly after handling (shower if necessary). Store working clothes separately. Wear personal protective equipment appropriate to the task (see below).			
Eye protection	Safety goggles.			
Skin protection	Gloves.			
Respiratory protection	Dust masks or air fed visor (if ventilation is insufficient).			
Other protection	Protective overalls.			
Further Information	Personal Protective equipment should be selected appropriate to the nature and aggressiveness of the identified hazard(s). They should be regularly inspected for soundness against leaks, bad fitting and possible chemical penetration. Recommended safe user periods should never be exceeded.			

9. PHYSICAL & CHEMICAL PROPERTIES

Physical form	Solid
Colour	
Odour	
Molecular weight	466.62
Molecular formula	C ₂₈ H ₃₈ O ₄ N ₂
pH	
Boiling pt / range	
Melting pt / range	
General flammability	
Flash point	
Autoflammability	
Density	
Explosive limits	
Vapour pressure	
Vapour density	
Evaporation rate (N Butyl Acetate = 1)	

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9. PHYSICAL & CHEMICAL PROPERTIES

Viscosity

Water solubility Insoluble

Partition coefficient (log P n-octanol / water)

Additional information Soluble in polar and non-polar solvents.

10. STABILITY & REACTIVITY

Stability Stable under normal conditions of handling.

Thermal decomposition

Conditions to avoid

Material to avoid

Hazardous reactions

Hazardous decomposition products

Further information

11. TOXICOLOGICAL INFORMATION

Acute toxicity No data available.

Dermal compatibility No data available.

Mucous membrane compatibility No data available.

Further information Consideration should be given to section 15 of this safety data sheet, noting identified hazard(s) for this product and route of entry whereby harm could be caused to body tissues and organs.

12. ECOLOGICAL INFORMATION

Acute toxicity No data available.

Degradability No data available.

Further information Consider any Environmental and Health Hazards, in section 3, and Physical Properties in section 9, recognising that if released the product could be damaging to Wildlife or to the Environment in Land, Water, Air or Upper Atmosphere.

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13. DISPOSAL CONSIDERATIONS

Advice on disposal In accordance with national (i.e. Special Waste Regulations) and local authority regulations, e.g. special waste or incineration.

Contaminated packaging Treat empty containers in the same way as the product or if possible wash out thoroughly and recycle.

Further information

14. TRANSPORT INFORMATION

United Nations number

Proper Shipping name

Primary Hazard class

Secondary Hazard class(es)

Packing Group

Marine Pollutant

Emergency Action Code

Further Information

15. REGULATORY INFORMATION

Classification & labelling The product is classified in accordance with the Chemicals (Hazard Information and Packaging for Supply) Regulations (CHIP 3).



TOXIC

Risk phrases R23/25 TOXIC BY INHALATION AND IF SWALLOWED
R36/37/38 IRRITATING TO EYES, RESPIRATORY SYSTEM AND SKIN

Safety phrases S26 IN CASE OF CONTACT WITH EYES, RINSE IMMEDIATELY WITH PLENTY OF WATER AND SEEK MEDICAL ADVICE
S36/37/39 WEAR SUITABLE PROTECTIVE CLOTHING, GLOVES AND EYE/FACE PROTECTION
S45 IN CASE OF ACCIDENT OR IF YOU FEEL UNWELL, SEEK MEDICAL ADVICE IMMEDIATELY (SHOW THE LABEL WHERE POSSIBLE)

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16. OTHER INFORMATION

General summary

Further information

CAUTION - The substance has not been fully tested.
The classification has been assigned as a precautionary measure.

Sources of data

Environmental Science Ltd., ChemHELP, EH40, ASL, ADR & other suppliers' safety data sheets.

Reason for revision

Changes to CHIP 3 and Transport Regulations

Sections revised

1, 3, 8, 9, 11, 12, 14, 15

Date of first issue

10/10/2001

This information is based on our present state of knowledge and is intended to describe our products from the point of view of the safety requirements. It should not be construed as guaranteeing specific properties.

Data sheet prepared by Environmental Science Limited.

ChemTrak record: ES9999

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