



SAFETY DATA SHEET

From Cleenol Group Limited

Beaumont Road, Banbury, Oxon, OX16 1RB.

Tel : (01295) 251721 Fax: (01295) 269561

Email: sales@cleenol.co.uk



EVOLUTION HEAVY DUTY CLEANER & DEGREASER CONCENTRATE

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND COMPANY

Product Name	EVOLUTION HEAVY DUTY CLEANER & DEGREASER CONCENTRATE
Part No	EV2 (2 x 1.5L) EVF2 (6 x 750ml)
Safety Data Sheet No	N3
Supplier	CLEENOL GROUP LIMITED Neville House, Beaumont Road, Banbury, Oxon OX16 1RB
Main and Emergency Tel No.	01295 251721 (9.00 a.m. – 5.00 p.m. Mon - Fri)

Product Features

Evolution Heavy Duty Cleaner & Degreaser Concentrate has been specially designed for use through the Cleenol Evolution dispensing system. A highly effective surface cleaner for use where heavy soiling or caramelised grease is evident. Use through trigger bottle on exterior areas of equipment, including canopy hoods, fat fryers, cookers, canopy filters, stainless steel wall cladding, glazed tiles. Use bucket fill option dispenser for floors, walls and general cleaning of hard surfaces.

Directions for Use

Apply product to cloth and wipe. For heavy soiling, spray directly on to surface. Allow 2 - 3 minutes contact time before wiping surface. Repeat steps 1 and 2 where heavy soiling is encountered. Wipe surface dry with a paper wipe.

Refilling 750ml Flask

Follow bottle filling directions on product system chart. When empty, fill to top line of bottle.

Reloading Pouch Pack

(1) Remove empty pouch from dispenser and dispose of as normal waste. (2) Remove screw cap. (3) Insert pouch in Evolution Dispenser No. 2. (4) Depress locking cap firmly into pouch. (5) Lock cabinet. (6) Insert over-rider key and pump until product is dispensed (ensure flask is in place).

NB The following information refers to the concentrate, the diluted form is not classified.

2. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	CAS NUMBER	SYMBOL	RISK NUMBER	CONTENTS
TRISODIUM NITRILOTRIACETATE	5064-31-3	Xi	R36/38	>10%
ALCOHOL ETHOXYLATE	68439-45-2	Xi /Xn	R22, R36/38	>10%
SODIUM ALKYL AMINE CARBOXYLATE	91995-05-0	Xi	R36	>10%
BUTYL DI-GLYCOL ETHER	112-34-5	Xi	R36	>10%
SODIUM HYDROXIDE	1310-73-2	C	R35	1-10%
TRIETHANOLAMINE	102-71-6	Xn	R41/48, R22	1-10%
DYE	N/A (mixture)	None	None	<0.1%
BRONOPOL	52-51-7	Xn, N	R21/22, R41, R50	<0.1%

The full text for all R-phrases is shown in Section 16.

3. HAZARD IDENTIFICATION

HARMFUL, IRRITANT

EYE CONTACT	Risk of serious damage in concentrate form.
SKIN CONTACT	May cause redness and irritation.
INGESTION	May cause nausea, vomiting and abdominal pain.
INHALATION	Not a hazard in normal use.

EVOLUTION HEAVY DUTY CLEANER & DEGREASER CONCENTRATE

4. FIRST AID MEASURES

EYES	Wash out immediately with water. Seek immediate medical advice.
SKIN	Wash off immediately with water.
INGESTION	Do not induce vomiting. Drink plenty of water. Seek medical help.
INHALATION	Do not breathe spray mists. Remove to fresh air if affected.

In all cases, if symptoms persist, seek medical advice and show this information sheet.

Note for Medical Practitioners : This information is registered with the National Poisons Information Service.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA	This material is not flammable. Use extinguishing media appropriate for surrounding fire.
PROTECTIVE MEASURES IN FIRE	N/A
HAZARDOUS DECOMPOSITION PRODUCTS	N/A

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS	Avoid contact with skin and eyes.
SPILL CLEAN UP METHODS	Wash small spills to drain. Large spills should be absorbed by sand/granules and disposed of carefully.
PROTECTION OF ENVIRONMENT	Large spills or uncontrolled discharges into rivers or streams must be reported to the Environment Agency or other regulatory body.

7. HANDLING AND STORAGE (concentrate)

USAGE PRECAUTIONS	Avoid contact with skin and eyes. Do not breathe spray mists. Wear suitable gloves and eye/face protection.
STORAGE PRECAUTIONS	Store so as to avoid extremes of temperature. Do not allow to freeze.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

VENTILATION	N/A
RESPIRATORS	N/A
PROTECTIVE GLOVES	Wear PVC or rubber gloves
EYE PROTECTION	Wear goggles
OTHER PROTECTION	N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Clear yellow liquid
ODOUR	None
SOLUBILITY	Miscible with water
BOILING POINT	100°C
SPECIFIC GRAVITY	1.06
FLASH POINT	None
MELTING POINT	N/A

EVOLUTION HEAVY DUTY CLEANER & DEGREASER CONCENTRATE

10. STABILITY AND REACTIVITY

STABILITY	Stable in normal use conditions.
MATERIALS TO AVOID	Will react with acids. Do not mix with any other chemical product.

11. TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION	Refer to Hazard Identification and Composition Sections.
OTHER HEALTH EFFECTS	N/A

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS	Neat product may cause damage to plant and animal life. Do not allow to enter surface waterways. In the event of a spillage, contact the police, local water authority or Environmental Agency immediately.
------------------------------	---

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS	Dispose of via reputable contractor and in accordance with local authority regulations.
-------------------------	---

14. TRANSPORT INFORMATION

PROPER SHIPPING NAME	N/A
UN No	N/A
HAZARD CLASS	N/A
ADR PACK GROUP	N/A
INTRASTAT NO	3402 90 90

15. REGULATORY INFORMATION

LABEL FOR SUPPLY



HARMFUL / IRRITANT

RISK PHRASES	R22	Harmful if swallowed
	R38	Irritating to the skin
	R41	Risk of serious damage to eyes

(NB The product in its diluted form is not classified)

SAFETY PHRASES	S2	Keep out of reach of children
	S26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S28	After contact with skin, rinse immediately with plenty of water.
	S24/25	Avoid contact with skin and eyes
	S37/39	Wear suitable gloves and eye/face protection
	S46	If swallowed, seek medical advice immediately and show container or label

STATUTORY INSTRUMENTS	Chemicals (Hazard Information and Packaging) Regulations
------------------------------	--

EVOLUTION HEAVY DUTY CLEANER & DEGREASER CONCENTRATE

16. OTHER INFORMATION

RISK PHRASES - FULL TEXT

R21	Harmful in contact with skin
R22	Harmful if swallowed
R35	Causes severe burns
R36	Irritating to the eyes
R38	Irritating to the skin
R41	Risk of serious damage to eyes
R48	Danger of serious damage to health by prolonged exposure
R50	Very toxic to aquatic organisms

INFORMATION SOURCES

Approved Supply List - HSC
Material Safety Data Sheet - Misc. manufacturers

REVISION COMMENTS

Revised in accordance with Chemical (Hazard Information and Packaging) Regulations

REVISION DATE

1st July 2005 – Revision No. 4

This product is only to be used for the purpose for which it was intended and in accordance with the specified instructions. This product should never be mixed with other chemical products and should be handled with care and stored carefully out of reach of children.

All Cleenol containers are recyclable and we would be pleased to provide relevant information about individual packs, and recycling agencies.

Information contained in this Safety Data Sheet is accurate to the best knowledge of Cleenol Group Ltd.

Reviewed by the Technical Director : 1st July 2005

Because of our continuing desire to incorporate technical improvements and innovations, and in view of the possibility of the occasional need to substitute certain materials, Cleenol reserve the right to alter specifications without notice.

Unless otherwise stated, it is recommended that this product is used within 12 months of purchase.