

SAFETY DATA SHEET

CLEANLINE - STAINLESS STEEL CLEANER (AEROSOL)

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME: CLEANLINE - STAINLESS STEEL CLEANER (AEROSOL)

SUPPLIER: Prime Source
8 Gravelly Park
Birmingham
B24 8TB
Tel: 0871 210 2213

2. COMPOSITION/INFORMATION ON INGREDIENTS

NAME			CONTENT
CAS No.:	EINECS Nr.:	CLASSIFICATION	
BUTANE			5-10 %
106-97-8	203-448-7	F+ R-12	
ISOPARAFFINIC HYDROCARBONS			10-30 %
90622-57-4	292-459-0	Xn R-10, 53, 65, 66	
ALIPHATIC DISTILLATE			10-30 %
64742-48-9	265-150-3	Xn R-10, 65, 66	
PROPANE			5-10 %
74-98-6	200-827-9	F+ R-12	

The Full Text for all R-Phrases are Displayed in Section 16

3. HAZARDS IDENTIFICATION

Extremely flammable. Repeated exposure may cause skin dryness or cracking.

PRESSURISED CONTAINER - increase in temperature to greater than 50C will cause internal pressure to rise potentially causing bursting/explosion.

4. FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Keep the affected person warm and at rest. Get prompt medical attention. For breathing difficulties oxygen may be necessary.

INGESTION: Rinse mouth thoroughly. Provide rest, warmth and fresh air.

SKIN: Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

EYES: Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

5. FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

SPECIAL FIRE FIGHTING PROCEDURES:

Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Aerosol cans may explode in fires.

6. ACCIDENTAL RELEASE MEASURES

PRECAUTIONS TO PROTECT ENVIRONMENT:

Any spillage needs to be contained and not allowed to enter water courses

SPILL CLEANUP METHODS:

Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. If leakage cannot be stopped, evacuate area.

7. HANDLING AND STORAGE

USAGE PRECAUTIONS:

Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

STORAGE PRECAUTIONS:

Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME:

PROPANE
BUTANE

CAS No.:

74-98-6
106-97-8

STD

OES

LT EXP 8 Hrs

Asphyxiating
600 ppm

ST EXP 15 Min

Asphyxiating
750 ppm

INGREDIENT COMMENTS:

OES = Occupational Exposure Standard. MEL = Maximum Exposure Limit.

PROTECTIVE EQUIPMENT:**VENTILATION:**

Provide adequate general and local exhaust ventilation.

RESPIRATORS:

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL). Use chemical cartridge protection with appropriate cartridge.

PROTECTIVE GLOVES:

Use protective gloves.

EYE PROTECTION:

Wear approved chemical safety goggles where eye exposure is reasonably probable.

OTHER PROTECTION:

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

HYGIENIC WORK PRACTICES:

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. No eating or drinking while working with this material.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:

Aerosol.

PHYSICAL DATA COMMENTS:

Information given relates to total aerosol container contents.

FLASH POINT (°C):

- 74

Method:**AUTO IGNITION TEMP. (°C):**

+ 405

FLAMMABILITY LIMIT - LOWER(%): 1.8

FLAMMABILITY LIMIT - UPPER(%): 10.0

10. STABILITY AND REACTIVITY

STABILITY: Normally stable. Avoid: Shocks and physical damage.**CONDITIONS TO AVOID:** Avoid heat, flames and other sources of ignition.**HAZARDOUS DECOMP. PRODUCTS:** Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

11. TOXICOLOGICAL INFORMATION

INHALATION: Solvent vapours are hazardous and may cause nausea, sickness and headaches. Prolonged inhalation of high concentrations may damage respiratory system. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.**SKIN:** Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema.**EYES:** May cause severe irritation to eyes.

12. ECOLOGICAL INFORMATION

ECOLOGICAL INFORMATION: Toxic to aquatic organisms. May cause long term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements.

14. TRANSPORT INFORMATION

UN No. ROAD: 1950**UK ROAD TRANSPORT CLASS:** 2.1**ADR CLASS No.:** 2.1**ADR CLASS:** Class 2: Gases; Compressed, liquefied or dissolved under pressure.**ADR CLASSIFICATION CODE** 5F**PROPER SHIPPING NAME I:** AEROSOLS**UN No. SEA:** 1950**UN No., AIR:** 1950**ICAO CLASS:** 2

15. REGULATORY INFORMATION

LABEL FOR SUPPLY:



RISK PHRASES:	R-12 Extremely flammable. R-66 Repeated exposure may cause skin dryness or cracking.
SAFETY PHRASES:	S-16 Keep away from sources of ignition - No Smoking. S-2 Keep out of the reach of children. S-23A Do not breathe gas/fumes/vapour/spray. S-51 Use only in well-ventilated areas.
STATUTORY INSTRUMENTS:	Control of Substances Hazardous to Health. Chemicals (Hazard Information and Packaging) Regulations.
APPROVED CODE OF PRACTICE:	Classification and Labelling of Substances and Preparations Dangerous for Supply.
GUIDANCE NOTES:	Occupational Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37. CHIP for everyone HSG(108).

16. OTHER INFORMATION

USER NOTES:	The following risk phrases relate to the raw materials in the product and not the product itself:-
REVISION DATE:	June 2003
REV. No./REPL. SDS GENERATED:	7
PRINTING DATE:	2004-05-04
R-PHRASES (Full Text):	R-12 Extremely flammable. R-10 Flammable. R-53 May cause long-term adverse effects in the aquatic environment. R-65 Harmful: may cause lung damage if swallowed. R-66 Repeated exposure may cause skin dryness or cracking.