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SAFETY DATA SHEET
 according to EC Directive 2001/58/EC

1. IDENTIFICATION OF THE PREPARATION

Identification of the preparation: **QUICK ORANGE GLASS CLEANER 18.75OZ AE**
 Item No: **82544**
 Recommended use: **Aerosol cleaner**

2. HAZARDS IDENTIFICATION

Classification: Xi - Irritant
 Most Important Hazards: Warning! Container under pressure. Keep away from sources of ignition - No smoking. Irritating to eyes and skin.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	Weight%	EC Number	EU Classification	Exposure limits
WATER 7732-18-5	>80	231-791-2		Not listed
2-PROPANOL 67-63-0	<10	200-661-7	F;R11 R67 Xi;R36	8h: 200 ppm; 500 mg/m ³ 15 min: 250 ppm, 620 mg/m ³
BUTANE 106-97-8	<5	203-448-7	F+;R12	800 ppm; 1900 mg/m ³ TWA ACGIH
2-BUTOXYETHANOL 111-76-2	<5	203-905-0	Xi;R36/38 Xn;R20/21/22	20 ppm TWA ACGIH
PROPANE 74-98-6	<5	200-827-9	F+;R12	simple asphyxiant: 2500 ppm TWA ACGIH

4. FIRST-AID MEASURES

General advice: If you feel unwell, seek medical advice (show the label where possible).
Inhalation: Move to fresh air in case of accidental inhalation of vapours. Obtain medical attention.
Skin Contact: Wash off with soap and water. If skin irritation persists, call a physician.
Eye Contact: In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion: If swallowed, seek medical advice immediately and show this container or label.
Protection of first-aiders: Avoid contact with skin, eyes and clothing.

5. FIRE-FIGHTING MEASURES

Suitable Extinguishing Media: Carbon dioxide (CO₂), dry chemical, foam
Extinguishing media which must not be used for safety reasons: None reasonably foreseeable.
Special instructions for protection and hygiene: Keep away from heat and sources of ignition.

5. FIRE-FIGHTING MEASURES

Special protective equipment for firefighters: Use personal protective equipment. Avoid contact with eyes.

6. ACCIDENTAL RELEASE MEASURES

Personal Precautions: For additional information on processing see sections 7, 8 and 11 of this safety data sheet.
Environmental Precautions: Do not flush into surface water or sanitary sewer system..
Cleanup: Ensure adequate ventilation. Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container.

7. HANDLING AND STORAGE

Handling precautions: Warning! Container under pressure The pressure in sealed containers can increase under the influence of heat Avoid contact with the skin and the eyes. Risk of receptacle bursting Wash hands before breaks and immediately after handling the product.
Storage: Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Keep away from heat and sources of ignition..

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Ventilation: Provide adequate ventilation .
Respiratory Protection: Not required under normal use. In case of insufficient ventilation, wear suitable respiratory equipment.
Skin: Not normally required when using an aerosol.
Eyes: Safety glasses.
Hygiene Measures: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: white liquid
Odor: Orange
pH: 10.0-10.5
Boiling point/range: 100°C
Melting point: Not determined
Flash point: No flame extension or flashback
Risk of explosion: Keep away from heat and sources of ignition.
Vapor pressure: 41-51 psig
Density: 0.99
Solubility in water: Soluble
Partition coefficient (n-octanol/water): Not determined
Vapor density: Not determined
Evaporation Rate: <1 (butyl acetate = 1)
VOC Content(%): <10%

10. STABILITY/REACTIVITY

Stability: Stable under normal conditions.
Conditions to Avoid: Keep away from heat, sparks and open flame. - No smoking. Freezing.
Materials to avoid: Strong oxidizing agents
Hazardous decomposition products: Carbon oxides

11. TOXICOLOGICAL INFORMATION

Component	Weight%	LD50/oral/rat	LC50/inhalation/rat
2-PROPANOL 67-63-0	<10	4396 mg/kg	72.6 mg/L/4H
BUTANE 106-97-8	<5		658 g/m ³ /4H
2-BUTOXYETHANOL 111-76-2	<5	470 mg/kg	2.21 mg/L/4H, 450 ppm/4H

Local Effects

Skin Irritation:	May cause skin irritation and/or dermatitis.
Eye Irritation:	Irritating, but will not permanently injure eye tissue.
Inhalation:	May cause irritation of respiratory tract.
Ingestion:	Irritating to mouth, throat and stomach.
Sensitization:	None reasonably foreseeable.
Chronic toxicity:	None reasonably foreseeable

Specific Effects

Carcinogenic effects:	None reasonably foreseeable.
Mutagenic effects:	None reasonably foreseeable.
Reproductive toxicity:	None reasonably foreseeable.
Target Organ Effects:	Eyes, Skin

12. ECOLOGICAL INFORMATION

Ecotoxicity: No information available

13. DISPOSAL CONSIDERATIONS

Waste from Residues: According to the European Waste Catalogue, Waste Codes are not product specific, but application specific. Waste codes should be assigned by the user based on the application for which the product was used.

14. TRANSPORT INFORMATION

IATA

Proper Shipping Name: Consumer Commodity (Not more than 1 liter)
Hazard Class: Class 9
UN/ID No: ID 8000

IMDG

Proper shipping name: Aerosol
Hazard Class: Class 2.1
UN/ID No: UN 1950
Marine Pollutant: None

ADR/RID

Proper Shipping Name: Aerosols
Hazard Class: Class 2.1
UN/ID No: UN 1950
ADR/RID: Limited Quantity; LQ2

15. REGULATORY INFORMATION

This product is classified in accordance with Annex VI to Directive 67/548/EEC

Pressurized container. Protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

Product Name: QUICK ORANGE GLASS CLEANER
18.75OZ AE

Item No: 82544

Indication of Danger:

Xi - Irritant

R -phrase(s):

R10 - Flammable

R36/38 - Irritating to eyes and skin

R44 - Risk of explosion if heated under confinement

S -phrase(s):

S 2 - Keep out of the reach of children

S16 - Keep away from sources of ignition - No smoking

S24/25 - Avoid contact with skin and eyes

S26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

16. OTHER INFORMATION

Risk Phrases mentioned in Section 2:

R11 - Highly flammable.

R12 - Extremely flammable.

R36 - Irritating to eyes.

R67 - Vapours may cause drowsiness and dizziness

R20/21/22 - Harmful by inhalation, in contact with skin and if swallowed.

R36/38 - Irritating to eyes and skin.

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