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

1. IDENTIFICATION OF THE PREPARATION

Identification of the preparation: **137DA MOTOR MUSCLE CARB & CHOKE CLEANER 12OZ AE**
 Item No: **80079**
 Recommended use: **Aerosol cleaner**

2. HAZARDS IDENTIFICATION

Classification: F - Highly flammable, Xn - Harmful
Most Important Hazards: Warning! Container under pressure. Highly flammable. Harmful if inhaled. Aspiration may cause pulmonary oedema and pneumonitis. Irritating to eyes and skin. Reproductive toxicity.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Component | Weight% | EC Number | EU Classification | Exposure limits |
|---------------------------|---------|-----------|--|--|
| ACETONE 67-64-1 | 50-60 | 200-662-2 | F;R11 R66 R67 Xi;R36 | 500 ppm; 1188 mg/m ³ TWA ACGIH |
| PROPANE 74-98-6 | 10-20 | 200-827-9 | F+;R12 | simple asphyxiant: 2500 ppm TWA ACGIH |
| TOLUENE 108-88-3 | 10-20 | 203-625-9 | F; R11 Repr.Cat.3; R63 Xn; R48/20-65 Xi; R38 R67 | 50 ppm TWA ACGIH |
| XYLENE 1330-20-7 | 10-20 | 215-535-7 | R10 Xi;R38 Xn;R20/21 | 100 ppm ACGIH |
| ETHYL BENZENE 100-41-4 | 1-10 | 202-849-4 | F;R11 Xn;R20 | 100 ppm; 434 mg/m ³ 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. Oxygen or artificial respiration if needed. 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.

4. FIRST-AID MEASURES

Notes to Physician: Treatment should be directed at preventing absorption, administering to symptoms (if they occur), and providing supportive therapy.

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.

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 Risk of receptacle bursting Keep away from sources of ignition - No smoking Avoid breathing vapors or mists. Avoid contact with the skin and the eyes. 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: In case of insufficient ventilation, wear suitable respiratory equipment.

Skin: Rubber or plastic gloves.

Eyes: Safety glasses.

Hygiene Measures: When using, do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: translucent liquid

Odor: SOLVENT

pH: Does not apply

Boiling point/range: <0 to 145C.

Melting point: Not determined

Flash point: <0 C.

Risk of explosion: Keep away from heat and sources of ignition. Heating can release vapours which can be ignited.

Vapor pressure: Not determined

Density: 0.75

Solubility in water: Negligible

Partition coefficient (n-octanol/water): Not determined

Vapor density: >1 (Air = 1)

Evaporation Rate: >1 (Ether = 1)

VOC Content(%): 45%

10. STABILITY/REACTIVITY

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

11. TOXICOLOGICAL INFORMATION

| Component | Weight% | LD50/oral/rat | LC50/inhalation/rat |
|---------------------------|----------------|----------------------|----------------------------|
| ACETONE 67-64-1 | 50-60 | 1800 mg/kg | 76 mg/L/4H |
| TOLUENE 108-88-3 | 10-20 | 636 mg/kg | 49 g/m ³ /4H |
| XYLENE 1330-20-7 | 10-20 | 4300 mg/kg | 5000 ppm/4H |
| ETHYL BENZENE 100-41-4 | 1-10 | 3500 mg/kg | inhal rat 4,000ppm 4hr. |

Local Effects

Skin Irritation: May cause skin irritation and/or dermatitis.
Eye Irritation: Liquid, aerosols and vapors of this product are irritating and can cause pain, tearing, reddening and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.
Inhalation: Harmful by inhalation. Symptoms of overexposure may be headache, dizziness, tiredness, nausea and vomiting.
Ingestion: Irritating to mouth, throat and stomach. Aspiration may cause pulmonary oedema and pneumonitis.
Sensitization: None reasonably foreseeable.
Chronic toxicity: Repeated absorption may cause disorder of central nervous system, liver, kidneys and blood

Specific Effects

Carcinogenic effects: None reasonably foreseeable.
Mutagenic effects: None reasonably foreseeable.
Reproductive toxicity: This product contains one or more substances which are classified in the EU as reproductive toxins..
Target Organ Effects: Eyes, Skin, Respiratory System, Gastrointestinal Tract, Reproductive toxicity

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: Aerosols
Hazard Class: Class 2.1

Product Name: 137DA MOTOR MUSCLE CARB &
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14. TRANSPORT INFORMATION

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: Do not pierce or burn, even after use. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material.

Indication of Danger:

F - Highly flammable, Xn - Harmful, acetone, toluene, xylene

R -phrase(s):

R11 - Highly flammable
R36/38 - Irritating to eyes and skin
R44 - Risk of explosion if heated under confinement
R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation
R63 - Possible risk of harm to the unborn child
R65 - Harmful: may cause lung damage if swallowed

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
S36/37 - Wear suitable protective clothing and gloves
S38 - In case of insufficient ventilation, wear suitable respiratory equipment

16. OTHER INFORMATION

Risk Phrases mentioned in Section 2:

R10 - Flammable.
R11 - Highly flammable.
R12 - Extremely flammable.
R20 - Harmful by inhalation.
R36 - Irritating to eyes.
R38 - Irritating to skin.
R63 - Possible risk of harm to the unborn child.
R66 - Repeated exposure may cause skin dryness or cracking.
R67 - Vapours may cause drowsiness and dizziness
R65 - Harmful: may cause lung damage if swallowed.
R20/21 - Harmful by inhalation and in contact with skin.
R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.

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Revision Date: June/19/2002

Company: Permatex. Inc. 10 Columbus
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Revision Number: 0

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