



SAFETY DATA SHEET STP CARB SPRAY CLEANER

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME STP CARB SPRAY CLEANER
 SUPPLIER Clorox Car Care,
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 Ebbw Vale,
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2 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
4-HYDROXY-4-METHYLPENTAN-2-ONE	204-626-7	123-42-2	10-25%	Xi;R36
BUTANE	203-448-7	106-97-8	10-25%	F+;R12
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT; LOW BOILING POINT HYDROGEN	265-151-9	64742-49-0	25-50%	Xn;R65. Xi;R38. F;R11. N;R51/53. R67.
XYLENE	215-535-7	1330-20-7	10-25%	R10 Xn;R20/21 Xi;R38

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

3 HAZARDS IDENTIFICATION

Extremely flammable. Harmful by inhalation and in contact with skin. Irritating to eyes and skin. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION Xn;R20/21. Xi;R36/38. F+;R12. N;R51/53.

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Provide rest, warmth and fresh air. Get medical attention if any discomfort continues. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Perform artificial respiration if breathing has stopped. Get medical attention immediately!

INGESTION

Due to the physical nature of this product swallowing is not likely to occur. However, if the product is swallowed Rinse mouth thoroughly. DO NOT induce vomiting. Get medical attention immediately. Provide rest, warmth and fresh air.

SKIN CONTACT

Remove contaminated clothing. Wash the skin immediately with soap and water. Do not use solvents or thinners. Get medical attention if irritation persists after washing.

EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if irritation persists after washing.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

Use: Carbon dioxide (CO₂). Dry chemicals, sand, dolomite etc. Foam.

SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out.

UNUSUAL FIRE & EXPLOSION HAZARDS

Extremely flammable. Aerosol cans may explode in a fire.

SPECIFIC HAZARDS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO₂).

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

STP CARB SPRAY CLEANER**6 ACCIDENTAL RELEASE MEASURES****PERSONAL PRECAUTIONS**

Wear protective clothing as described in Section 8 of this safety data sheet.

SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Once the propellant has completely vented, absorb any remaining liquid in vermiculite, dry sand or earth and place into containers.

7 HANDLING AND STORAGE**USAGE PRECAUTIONS**

Keep away from heat, sparks and open flame. Avoid contact with skin and eyes. Avoid inhalation of vapours and spray mists. Provide good ventilation.

STORAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT - mg/m3	ST - ppm	ST - mg/m3
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3
XYLENE	WEL	50 ppm(Sk)	220 mg/m3(Sk)	100 ppm(Sk)	441 mg/m3(Sk)
4-HYDROXY-4-METHYLPENTAN-2-ONE	WEL	50 ppm	241 mg/m3	75 ppm	362 mg/m3

INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

PROTECTIVE EQUIPMENT**ENGINEERING MEASURES**

Provide adequate ventilation.

HAND PROTECTION

Wear protective gloves. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

EYE PROTECTION

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

HYGIENE MEASURES

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. Wash promptly if skin becomes contaminated. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol Liquid		
ODOUR	Characteristic		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	~ 44°C 760 mm Hg	RELATIVE DENSITY	0.72 @ 20°C
VAPOUR PRESSURE	2.6 bar @ 20°C	AUTO IGNITION TEMPERATURE (°C)	200°C
FLAMMABILITY LIMIT - LOWER(%)	0.7%	FLAMMABILITY LIMIT - UPPER(%)	10.9%

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Vapours/gases/fumes of: Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION**INHALATION**

Harmful by inhalation. Vapours may cause headache, fatigue, dizziness and nausea. Vapour may irritate respiratory system or lungs.

STP CARB SPRAY CLEANER**SKIN CONTACT**

Harmful in contact with skin. Irritating to skin.

EYE CONTACT

Irritating to eyes. Spray and vapour in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION**ECOTOXICITY**

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13 DISPOSAL CONSIDERATIONS**DISPOSAL METHODS**

Dispose of waste and residues in accordance with local authority requirements. Make sure containers are empty before discarding (explosion risk).

14 TRANSPORT INFORMATION

UK ROAD CLASS	2.1		
PROPER SHIPPING NAME	AEROSOLS		
UN NO. ROAD	1950	UK ROAD PACK GR.	Not Applicable
ADR CLASS NO.	2	ADR CLASS	Class 2: Gases
ADR PACK GROUP	Not Applicable	ADR LABEL NO.	2.1
CEFIC TEC(R) NO.	20G5F	RID CLASS NO.	2
RID PACK GROUP	Not Applicable	UN NO. SEA	1950
IMDG CLASS	2.1	IMDG PAGE NO.	2.1
IMDG PACK GR.	Not Applicable	EMS	F-D, S-U
MFAG	See Guide	MARINE POLLUTANT	No.
UN NO. AIR	1950	ICAO CLASS	2.1
AIR PACK GR.	Not Applicable		

15 REGULATORY INFORMATION**LABELLING**

Harmful



Extremely Flammable



Dangerous for the environment

CONTAINS

XYLENE

RISK PHRASES

R12	Extremely flammable.
R20/21	Harmful by inhalation and in contact with skin.
R36/38	Irritating to eyes and skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

SAFETY PHRASES

S2	Keep out of the reach of children
S16	Keep away from sources of ignition - No smoking.
S23C	Do not breathe spray.
S24/25	Avoid contact with skin and eyes.
S36/37	Wear suitable protective clothing and gloves.
S51	Use only in well-ventilated areas.
A1	Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

STP CARB SPRAY CLEANER

A2 Do not spray on a naked flame or any incandescent material.

DETERGENT LABELLING

> 30%	Aliphatic hydrocarbons
15-30%	Aromatic hydrocarbons

16 OTHER INFORMATION

REVISION COMMENTS

Change to classification following re-formulation. Compliant with CHIP 3.1 (29th ATP). Workplace Exposure Limits (WEL) now replace Occupational Exposure Standards (OES) and Maximum Exposure Limites (MEL). Detergent labelling information now included in Section 15.

REVISION DATE 09-2005

REV. NO./REPL. SDS GENERATED 1 / 12-2004

RISK PHRASES IN FULL

R10	Flammable.
R11	Highly flammable.
R12	Extremely flammable.
R20/21	Harmful by inhalation and in contact with skin.
R36	Irritating to eyes.
R38	Irritating to skin.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R65	Harmful: may cause lung damage if swallowed.
R67	Vapours may cause drowsiness and dizziness.

DISCLAIMER

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