SAFETY DATA SHEET

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name	**CARBLICK - Throttle body & Carb cleaner**
Use of substance	Cleaning
Manufacturer/Supplier	ITW Chemin, ITW INDIA PRIVATE LIMITED
Address	Plot No: 34-37, Phase- 2, IDA, TSIIC, Pashammylaram, Sangareddy Dist-502307, INDIA
Phone Number	+91 8455 224700/01
Fax Number	+91 8455 224705
Emergency Cell Number	+919000031515
E-Mail	chemininfo@itwchemin.com
Website	www.itwchemin.com

2. HAZARD IDENTIFICATION

GHS Label elements:

Hazard statements:

H223: Flammable aerosol.
H229: Pressurized container: May burst if heated
H412: Harmful to aquatic life with long lasting effects.

Hazard pictograms:

GHS02: Flammable
GHS07: Harmful
GHS08: Health Hazard
GHS04: Contains gas under pressure; may explode if heated

Signal words: Danger

Precautionary statements:

P102: Keep out of reach of children
P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
P211: Do not spray on an open flame or other ignition source
P410 + 412: Protect from sunlight. Do not expose to temperatures exceeding 50 ºC.
P285: In case of inadequate ventilation wear respiratory protection.
P261: Avoid breathing dust/fumes/gas/mist/vapors/spray.
P304 & 340: IF INHALED: Remove person to fresh air and keep comfortable for breathing unwell

3. COMPOSITION/INFORMATION ON THE COMPONENTS

No Hazardous components as per OSHA'S HAZARD COMMUNICATION STANDARD 29CFR 1910.1200

Component Name	CAS#	Concentration
2-Propanol	67-63-0	10 – 20%
2-Propanone	67-64-1	20 - 30%
Heptane	142-82-5	15 – 25%
Liquefied petroleum gas (propellant – Propane & n-Butane)	68476-86-8 75-28-5	20 – 30%

4. FIRST AID MEASURES

	4.1: First aid measures	4.2: Symptoms
Eye contact	Rinse carefully under upper and lower eyelids using plenty of water for at least 10 min	May be Mild irritation at the site of contact
Skin contact	Remove contaminated clothing. Wash exposed areas with soap and water	May be Irritation and redness
Ingestion	Do not induce vomiting. Accidental ingestion of a single mouthful is not expected to cause significant harm. Rinse mouth with water.	May be irritation of throat
Inhalation	Remove to fresh air if dizzy or nauseated. In case of loss of consciousness, give artificial respiration.	May be coughing and sore throat.

5. FIRE FIGHTING MEASURES

5.1	**Extinguishing Media**	Carbon Dioxide, foam, water, dry chemicals
5.2	**Specific hazards arising from the chemical**	Ignition will occur if used near flames, arcs or any other ignition source. In combustion emits toxic fumes of carbon dioxide / carbon monoxide.
5.3	**Advice for fire-fighters**	Full protective clothing and self containing breathing apparatus.
5.4	**Unsutiable Extinguishing Media**	Aerosol cans may burst at temperatures over 50 ^{0}C and add to existing fire.

6. ACCIDENTAL RELEASE MEASURES

6.1	**Personal Precautions**	Personal Protection Equipment must be worn. See Section 8.
6.2	**Environmental Precautions**	NA
6.3	**Methods and material for containment and cleaning up**	Prevent product from entering drains \surface water\ground water. Remove sources of ignition. Mop up or sweep up with absorbent (For disposal, see Section 13)

7. HANDLING AND STORAGE

7.1	**Handling**	Ensure good ventilation. Do not spray on a naked flame or any incandescent material. Do not pressurize, cut, heat or weld containers (empty product containers may contain product residue) Do not handle, store or open near an open flame, sources of heat or sources of ignition. Do not smoke.
7.2	**Storage**	Avoid proximity or contact with hot surfaces, flames or sparks. Store in dry, cool and well ventilated area. Keep container tightly closed. Protect from sunlight and do not expose to temperature exceeding 50 0 C. Keep away from heat. Keep away from all sources of ignition. Avoid breathing vapors. Avoid eye contact. Avoid repeated or prolonged skin contact. Avoid breathing spray mist.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1	**Control parameters**	DNEL / PNEC No data available.
8.2	**Engineering Control Measures**	When using, do not eat, drink or smoke. None, unless sprayed. Use where ventilation will carry spray mist away from occupied areas.
8.3	**Individual protection measures, such as personal protective equipment**	
	Respiratory Protection	Ensure good ventilation. High vapor concentration: gas mask, filter A. In case of insufficient ventilation wear suitable respiration equipment. Respirator with filter if sprayed in enclosed unventilated space.
	Hand Protection	Handle according to good industrial hygiene and safety procedures. Appropriate protective clothing and gloves. Wear nitrile rubber gloves if hand exposure is unavoidable.
	Eye Protection	Wear safety glasses to protect eyes.
	Body Protection	Normal work wear.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance (physical state, color, etc.).	Colorless
Odor	Characterstic
Viscosity	NA
pH	Not applicable
Melting Point/Freezing point	$<20^0$C
initial boiling point and boiling range.	132 Deg F ($55\ ^0$C)
flash point.	:-4 Deg F ($-18\ ^0$ C)
evaporation rate.	
flammability (solid, gas).	Not established
upper/lower flammability or	

	explosive limits.	
	vapor pressure.	19 Kpa
	vapor density.	
	relative density.	50 Kg/m3
	solubility(ies).	Not established
	Partition coefficient: n-octanol/water.	Not established
	Auto ignition temperature.	370^0C
	Decomposition temperature.	Not established
	NOTE:	The above data are typical values and cannot be inferred as specifications

10. STABILITY AND REACTIVITY

10.1	**Reactivity**	None
10.2	**Chemical stability**	Stable under normal condition
10.3	**Possibility of Hazardous reaction**	None
10.4	**Condition to avoid**	Temperatures above 50 ^{0}C . Avoid proximity or contact with flames or sparks.
10.5	**Incompatible material**	Not Known
10.6	**Hazardous Decomposition Products**	None

11. TOXICOLOGICAL INFORMATION

11.1	**Routes of exposure**	Refer to section 4 of SDS for routes of exposure and corresponding symptoms

12. ECOLOGICAL INFORMATION

12.1	**Eco toxicity**	Expected to be toxic to a aquatic organisms
12.2	**persistence and degradability**	No data available
12.3	**Bio accumulative potential**	Expected to be toxic to a aquatic organisms
12.4	**Mobility in soil.**	No data available
12.5	**Other adverse effects**	....

13. DISPOSAL

13.1	**Product Disposal**	IThis product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. Dispose of in a safe manner ,in accordance with local regulations
	Container Disposal	Dispose of in a safe manner ,in accordance with local regulations. Empty aerosol cans before disposal. Non hazardous waste as per classification in The Hazardous Wastes (Management and Handling) Rules 1989, of CPB, India

14. TRANSPORT INFORMATION

14.1	**UN number**	1950
14.2	UN proper shipping name	Shipping name: “ Aerosols”

14.3	**Transport hazard class(es)**	**ADR/RID; LQ2** Class: 2,5F Label: 2.1 **Maritime Transport (IMO-IMDG): LQ=1L** Class: 2 EMS: F-D, S-U **Marine pollutant:** **Air Transport (CAO/IATA):** Class: 2 Packing instructions; 203
14.4	Packing group	II
14.5	**Environmental hazards**	Environmentally Hazard : No Marine Pollunt : yes
14.6	Special precautions for user	

15. REGULATORY INFORMATION

15.1	**Safety, health and environmental regulations/legislation specific for the substance or mixture**	Highly flammable
15.2	**Chemical Safety Assessment**	None

Note The regulatory information given above only indicates the principle regulations specifically applicable to the product described in the safety data sheet. The user's attention is drawn to the possible existence of additional provisions, which complete these regulations. Refer to all applicable national and local regulations or provisions.

16. OTHER INFORMATION

Product Use	For industrial use only.
SDS first issued	June 2015
SDS Revised on	Nov 2022
Legal disclaimer	The above information is believed to be correct but does not purport to be all-inclusive and shall be only used as guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.