



Unit 3 & 4  
Harrison Drive Ind Est  
Worksop, Nottinghamshire  
UK, S81 9RL

t. 01909 730900  
f. 01909 730909  
e. [info@newtechlubes.com](mailto:info@newtechlubes.com)  
w. [www.newtechlubes.com](http://www.newtechlubes.com)

[@newtechlubes.com](https://twitter.com/newtechlubes)

## TECHNO CARB SUPER 2G

### SECTION 1. IDENTIFICATION OF THE PREPARATION AND THE COMPANY / UNDERTAKING

- 1.1 Product name:** Techno Carb Super 2G  
**1.2 Identified use(s):** Lubricant, General machinery, Chain Oil  
**Use(s) advised against:** None known.  
**1.3 Details of supplier of SDS:** New Tech Lubes Ltd, Unit 2-4 Harrison Drive Ind Est, Worksop Notts, S81 9RL  
**E Mail (competent person):** [info@newtechlubes.com](mailto:info@newtechlubes.com)  
**1.4 Emergency telephone:** +44 (0)1909 730900 (08.00 -16.00 GMT Monday to Friday)

### SECTION 2. HAZARDS IDENTIFICATION

- 2.1 Classification of the substance/mixture:** Not classified.  
**2.2 Label elements:** Not applicable.  
**2.3 Other hazards:** The mixture does not contain any vPvB or PBT substances.

### SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

- 3.1 Substances:** Not applicable.  
**3.2 Mixtures:** Not classified as hazardous.

### SECTION 4. FIRST AID MEASURES

- 4.1 Description of first aid measures:**  
General advice: In case of adverse health effects seek medical advice.  
Eye contact: Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.  
Skin contact: Rinse with running water and soap. If irritation should develop, get medical attention.  
Ingestion: Rinse mouth thoroughly with water. Do not induce vomiting. Get medical attention.  
Inhalation: Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.  
**4.2 Most important symptoms and effects, both acute and delayed:** No specific symptoms known.  
**4.3 Indication of any immediate medical attention and special treatment needed:** Treat symptomatically.

### SECTION 5. FIRE FIGHTING MEASURES

- 5.1 Extinguishing media:**  
Suitable extinguishing media: Water spray, foam, dry powder or carbon dioxide.  
Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.  
**5.2 Special hazards arising from the substance or mixture:** This product may give rise to hazardous fumes in a fire. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

- 5.3 Advice for fire fighters:** Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Control run-off water by containing and keeping it out of sewers and watercourses. Firefighter's clothing conforming to European standard EN469 (including helmets, protective boots and gloves) will provide a basic level of protection for chemical incidents.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal precautions, protective equipment and emergency procedures:** Wear protective clothing as described in section 8 of this safety data sheet. Take care as floors and other surfaces may become slippery. Keep unnecessary and unprotected personnel away from the spillage. Provide adequate ventilation.
- 6.2 Environmental precautions:** Prevent from entering drainage systems or water courses. Use appropriate containment to avoid environmental contamination. Local authorities should be advised if significant spillages cannot be contained.
- 6.3 Methods and material for containment and clearing:** Stop leak if safe to do so. Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.
- 6.4 Reference to other sections:** For PPE and disposal see sections 8 and 13 respectively.

## SECTION 7. HANDLING AND STORAGE

- 7.1 Precautions for safe handling:** Do not handle until all safety precautions have been read and understood. Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin and eyes. Provide adequate ventilation. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wash promptly with soap and water if skin becomes contaminated. When using do not eat, drink or smoke. Eye wash facilities and emergency shower must be available when handling this product.
- 7.2 Conditions for safe storage, including any incompatibilities:** Store in tightly-closed, original container in a dry, cool and well-ventilated place.
- 7.3 Specific end use(s):** For general lubrication for equipment and machinery

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### 8.1 Control parameters:

Components	Type	Value	Form
Calcium carbonate (CAS 471-341-1)	TWA	4 mg/m <sup>3</sup>	Respirable
		4 mg/m <sup>3</sup>	Respirable dust
		10 mg/m <sup>3</sup>	Inhalable dust
		10 mg/m <sup>3</sup>	Inhalable

### 8.2 Exposure controls:

Personal protective equipment:



Appropriate engineering controls: Provide adequate ventilation. Avoid the formation of mists.

Eye/face protection: Wear eye protection. Personal protective equipment for eye and face protection should comply with European Standard EN166.

Hand protection: Wear protective gloves. To protect hands from chemicals, gloves should comply with European Standard EN374. It is recommended that gloves are made of the following material: Nitrile rubber. When used with mixtures, the protection time of gloves cannot be accurately estimated. The breakthrough time for any glove material may be different for different glove manufacturers. Considering the data specified by the glove manufacturer, check during use that the gloves are retaining their protective properties and change them as soon as any deterioration is detected. Frequent changes are recommended.

Other skin and body protection: Wear appropriate clothing to prevent repeated or prolonged skin contact.

Hygiene measures: Remove contaminated clothing and wash the skin thoroughly with soap and water after work. When using do not eat, drink or smoke.

Respiratory protection: No specific recommendation made, but respiratory protection may still be required under exceptional circumstances when excessive air contamination exists.

Environmental exposure controls: Keep container tightly sealed when not in use.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

Appearance: Liquid  
Colour: Black  
Odour: Mild  
Odour threshold: Not applicable  
pH: Not applicable  
Melting point: Not applicable  
Initial boiling point and range: >200°C @ 1013 hPa  
Flash point: >250°C  
Evaporation rate: Not applicable  
Flammability (solid, gas): Not available  
Upper/lower flammability or explosive limits: Not available  
Vapour pressure: Not applicable  
Vapour density: Not applicable  
Relative density: 0.99 (measured at kg/litre)  
Solubility(ies): Insoluble in water  
Partition coefficient – n-octanol/water: Not applicable  
Auto-ignition temperature: Not available  
Decomposition temperature: Not available  
Viscosity: 140cst @ 40°C

### 9.2 Other information: Not available.

## SECTION 10. STABILITY AND REACTIVITY

**10.1 Reactivity:** No dangerous reactions known under normal conditions of use.

**10.2 Chemical stability:** Stable under proper storage and handling conditions.

**10.3 Possibility of hazardous reactions:** No dangerous reactions known.

**10.4 Conditions to avoid:** Heat, flame and other ignition sources.

**10.5 Incompatible materials:** Avoid contact with strong oxidising agents, strong acids and strong alkalis.

**10.6 Hazardous decomposition products:** Combustion will generate: smoke, carbon dioxide and carbon monoxide

## SECTION 11. TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects: No data recorded.

Skin corrosion/irritation: Based on available data the classification criteria are not met.

Serious eye damage/irritation: Based on available data the classification criteria are not met.

Respiratory sensitisation: Based on available data the classification criteria are not met.

Skin sensitisation: Based on available data the classification criteria are not met.

Germ cell mutagenicity: Does not contain any substances known to be mutagenic.

Carcinogenicity: Does not contain any substances known to be carcinogenic.

Reproductive toxicity – fertility: Based on available data the classification criteria are not met.

Reproductive toxicity – development: Based on available data the classification criteria are not met.

Specific target organ toxicity - single exposure: Not classified as a specific target organ toxicant after a single exposure.

Specific target organ toxicity - repeated exposure: Not classified as a specific target organ toxicant after repeated exposure.

Aspiration hazard: No information available.

## SECTION 12. ECOLOGICAL INFORMATION

**12.1 Toxicity:** There are no data on the ecotoxicity of this product.

**12.2 Persistence and degradability:** The product is not readily biodegradable.

**12.3 Bio-accumulative potential:** The product does not contain any substances expected to be bioaccumulating.

**12.4 Mobility in soil:** No data available.

**12.5 Results of PBT and vPvB assessment:** Not relevant.

**12.6 Other adverse effects:** None known.

## SECTION 13. DISPOSAL CONSIDERATIONS

**13.1 Waste treatment methods:** When handling waste, the safety precautions applying to handling of the product should be considered. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

## SECTION 14. TRANSPORT INFORMATION

**14.1 UN number:** Not Classified

**14.2 UN proper shipping name:** Not Classified

**14.3 Transport hazard class:** Non-Classified

**14.4 Packing group:** None

**14.5 Environmental hazards:** Not applicable

**14.6 Special precautions for user:** Not applicable

**14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC code:** Not applicable

## SECTION 15. REGULATORY INFORMATION

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:**

National regulations:

Control of Substances Hazardous to Health Regulations 2002 (as amended). Health and Safety at Work etc. Act 1974 (as amended).

EU legislation:

Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

**15.2 Chemical safety assessment:** Not relevant.

## SECTION 16. OTHER INFORMATION

**Classification methods used to derive classification of mixture:** Classification according to calculation procedure detailed in Regulation (EC) 1272/2008

### Legend:

ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road.

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways.

DNEL: Derived no effect level

GHS: Globally Harmonized System.

IATA: International Air Transport Association.

IMDG: International Maritime Dangerous Goods.

LTEL: Long term exposure limit

PNEC: Predicted no effect concentration

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006.

STEL (SE): Short term exposure limit (Single exposure)

STOT: Specific target organ toxicity

UN: United Nations.

IBC: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk (International Bulk Chemical Code).

**Additional information:** This safety data sheet has been produced based on information supplied by the manufacturers of the materials therein and is believed to be accurate. No warranty is expressed or implied by this information. It is for the user to satisfy themselves of the suitability of the product for their own purposes.