Part No: RES223CED - White Grease with PTFE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name: **WHITE GREASE WITH PTFE**

Article number: **R223**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Product category: PC24: Lubricants, greases, release products

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier:
TYGRIS Industrial
Unit 31, Kyle Road Industrial Estate
Irvine
Ayrshire
KA12 8LE
Tel +44 (0) 1294 311 066
Fax +44 (0) 1294 277 115
Email technical@tygrisindustrial.com

Further information obtainable from: Technical Department

1.4 Emergency telephone number:

Tel +44 (0) 1294 311 066

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Physical hazards: Flam. Aerosol 1 - H222

Health hazards: Skin Irrit. 2 - H315;STOT SE 3 - H336

Environment hazards: Aquatic Chronic 2 - H411

2.2. Label elements

Hazard statements:

H222: Extremely flammable aerosol.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.

Hazard pictograms:

GHS02: Flame
GHS07: Exclamation mark
GHS09: Environmental



Signal word: Danger

Precautionary statements:

P102: Keep out of reach of children.
P210: Keep away from heat/sparks/open flames/hot surfaces. - No smoking. P211: Do not spray on an open flame or other ignition source.
P251: Pressurized container: Do not pierce or burn, even after use.
P261: Avoid breathing vapour/spray.
P271: Use only outdoors or in a well-ventilated area.
P270: Do not eat, drink or smoke when using this product.
P280: Wear protective gloves.
P302+352: IF ON SKIN: Wash with plenty of soap and water.
P410+412: Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501: Dispose of contents/container in accordance with local regulations.

Supplementary precautionary statements:

P273: Avoid release to the environment.
P264: Wash contaminated skin thoroughly after handling.
P321: Specific treatment (see medical advice on this label).
P304+340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P332+313: If skin irritation occurs: Get medical advice/attention.
P362: Take off contaminated clothing and wash before reuse.
P391: Collect spillage.
P403+233: Store in a well-ventilated place. Keep container tightly closed. P405: Store locked up.

Additional information: H229: Pressurised container: May burst if heated

2.3. Other hazards

PBT: This product is not identified as a PBT/vPvB substance.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Hazardous ingredients:

NAPHTHA (PETROLEUM) , HYDROTREATED LIGHT
Registration Number: 01-2119475514-35-xxxx

EC	CAS	Index number	CLP Classification	Percent
921-024-6	64742-49-0	-	Flam. Liq. 2 - H225 Skin Irrit. 2 - H315 STOT SE 3 - H336 Asp. Tox. 1 - H304 Aquatic Chronic 2 - H411	30-60%

BUTANE

203-448-7	106-97-8	-	Flam. Gas 1 - H220	10-30%

ISOBUTANE

200-857-2	75-28-5	-	Flam. Gas 1 - H220	5-10%

ZINC OXIDE

215-222-5	1314-13-2	-	Not classified	1-5%

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

Skin contact: Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

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 any discomfort continues.

Ingestion: DO NOT INDUCE VOMITING! Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. Get medical attention if any discomfort continues.

Inhalation: Move the exposed person to fresh air at once. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Keep the affected person warm and at rest. Get prompt medical attention.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1 Extinguishing media

Extinguishing media: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

5.2. Special hazards arising from the substance or mixture

Exposure hazards: Aerosol cans may explode in a fire.

5.3. Advice for fire-fighters

Special fire fighting procedures: Containers close to fire should be removed or cooled with water. Use water to keep fire exposed containers cool and disperse vapours.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Clean-up procedures: Wear necessary protective equipment. Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Let evaporate. Keep out of confined spaces because of explosion risk. If leakage cannot be stopped, evacuate area.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Handling requirements: Keep away from heat, sparks and open flame. Avoid spilling, skin and eye contact. Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Aerosol cans: Must not be exposed to direct sunlight or temperatures above 50°C.

7.3. Specific end use(s)

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limits:

BUTANE

Long-term exposure limit (8-hour TWA)	Short-term exposure limit (15-minute)
WEL 600 ppm, 1450 mg/m³	WEL 750 ppm, 1810 mg/m³

NAPHTHA (PETROLEUM), HYDROTREATED LIGHT

WEL 1200 mg/m³	WEL 60 ppm, 216 mg/m³

WEL = Workplace Exposure Limits

8.2. Exposure controls

Protective equipment:



Engineering measures: Provide adequate general and local exhaust ventilation.

General protective and hygienic measures: DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

Respiratory protection: No specific recommendation made, but respiratory protection must be used if the general level exceeds the recommended occupational exposure limit. Use chemical cartridge protection with appropriate cartridge.

Hand protection: Use protective gloves.

Eye protection: Use approved safety goggles or face shield.

Other Protection: Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Aerosol

Colour: Typical

Odour: Characteristic

Flammability limits: Lower: 0.8 % Upper: 9.0 %

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Chemical stability: Stable under normal temperature conditions.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

Conditions to avoid: Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

10.5. Incompatible materials

10.6. Hazardous decomposition products

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

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Skin contact: Prolonged or repeated exposure may cause severe irritation. Acts as a defatting agent on skin. May cause cracking of skin, and eczema. May cause allergic contact eczema. May cause sensitisation by skin contact. Irritating to skin.

Eye contact: Irritating to eyes. May cause chemical eye burns.

Inhalation: May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. Prolonged inhalation of high concentrations may damage respiratory system. Irritating to respiratory system.

Route of entry: Skin and/or eye contact.

SECTION 12: Ecological information

12.1. Toxicity

Ecotoxicity: Dangerous for the environment if discharged into watercourses.

12.2. Persistence and degradability

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information: Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: Transport information

UN Number (ADR): 1950

UN Number (IMDG): 1950

UN Number (IATA): 1950

14.2 UN proper shipping name

Proper shipping name: AEROSOLS

14.3. Transport hazard class(es)

ADR/RID/ADN Class: 2, Class 2: Gases

ADR Label No. 2.1

IMDG Class: 2.1

ICAO Class/Division: 2.1

Transport labels:



14.4. Packing group

Packing group: Not applicable.

14.5 Environmental hazards

Marine pollutant: No

14.6 Special precautions for user

EmS: F-D, S-U

Tunnel Restriction Code: (D)

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

SECTION 15: Regulatory information

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

Statutory Instruments: The Aerosol Dispensers (Amendment) Regulations 2014 No.1130.

Guidance Notes: Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation: The Aerosol Dispensers Directive 1975/324 EEC.
Regulation (EC) No.1272/2008: The Classification, Labelling and Packaging of substances and mixtures Regulations.
Regulation (EC) No. 1907/2006: The Registration, Evaluation, Authorisation and Restriction of Chemicals Regulations (REACH).
2001/95/EC The General Product Safety Directive (GPSD).
Commission Regulation (EU) 2015/830: Requirements for the compilation of safety data sheets (amending REACH).
Authorisations (Title VII Regulation 1907/2006): No specific authorisations are noted for this product.
Restrictions (Title VIII Regulation 1907/2006): No specific restrictions of use are noted for this product.

15.2. Safety, health and environmental regulations/legislation specific for the substance or mixture

SECTION 16: Other information

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

Phrases used in s.2 and s.3: H220: Extremely flammable gas.
H222: Extremely flammable aerosol.
H225: Highly flammable liquid and vapour.
H304: May be fatal if swallowed and enters airways.
H315: Causes skin irritation.
H336: May cause drowsiness or dizziness.
H411: Toxic to aquatic life with long lasting effects.

Legal disclaimer The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.