



EQUIPPING THE TYRE INDUSTRY

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SAFETY DATA SHEET

COPPER GREASE AEROSOL

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY

PRODUCT NAME: COPPER GREASE AEROSOL
PART No.: 202140
SUPPLIER: Auto4 Ltd
Unit 4a Park Lane
Business Park
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NG17 9GU
TEL: 01623 727360

2 COMPOSITION/INFORMATION ON INGREDIENTS

Table with 5 columns: INGREDIENT NAME, CAS No., CONTENTS, HEALTH (class), RISK (R No.). Rows include n-HEXANE, n-HEPTANE, NAPHTHA (PETROLEUM), HYDROTREATED LIGHT; LOW BOILING POINT HYDROGEN, ISOBUTANE, BUTANE, and PROPANE.

3 HAZARDS IDENTIFICATION

Extremely flammable.

4 FIRST AID MEASURES

INHALATION: Move the exposed person to fresh air at once. Get medical attention if any discomfort continues. For breathing difficulties oxygen may be necessary.
INGESTION: Not relevant.
SKIN: Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.
EYES: Spray in the eyes: 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.

5 FIRE FIGHTING MEASURES

EXTINGUISHING MEDIA: Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.
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.

UNUSUAL FIRE & EXPLOSION HAZARDS:

Aerosol cans may explode in fires. Risk of explosion if heated.

6 ACCIDENTAL RELEASE MEASURES**Spill Cleanup Methods:**

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Wear necessary protective equipment. If leakage cannot be stopped, evacuate area. Ventilate well. Larger spill: Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS:	Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Provide good ventilation.
STORAGE PRECAUTIONS:	Aerosol cans: Must not be exposed for direct sunlight or temperatures above 50°C.

8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

INGREDIENT NAME	CAS No	STD	LT EXP (8 hrs)	ST EXP (15 min)
n-HEXANE	110-54-3	OES.	20 ppm	No std.
n-HEPTANE	142-82-5	OES.	400 ppm	500 ppm
NAPHTHA (PETROLEUM), HYDROTREATED LIGHT; LOW BOILING POINT HYDROGEN	64742-49-0	SUP.	1000 mg/m3	
BUTANE	106-97-8	OES.	600 ppm	750 ppm
PROPANE	74-98-6		Asphyxiating	Asphyxiating

INGREDIENT COMMENTS: OES = Occupational Exposure Standard. SUP = Supplier's recommendation.
Sk = Can be absorbed through skin.

PROTECTIVE EQUIPMENT:



VENTILATION: Provide adequate general and local exhaust ventilation.

RESPIRATORS: No specific recommendation made, but respiratory protection must be used if the general level exceeds the Occupational Exposure Level (OEL).

PROTECTIVE GLOVES: Chemical resistant gloves required for prolonged or repeated contact.

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

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

HYGIENIC WORK ROUTINES: 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. No eating or drinking while working with this material.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Aerosol.	COLOUR:	Off-white.
ODOUR/TASTE:	Organic solvents.	FLAMMABILITY LIMIT (lower %):	0.8
FLAMMABILITY LIMIT (upper %):	9.0		

10 STABILITY AND REACTIVITY

STABILITY: Normally stable.

CONDITIONS TO AVOID: Avoid heat, flames and other sources of ignition. Avoid contact with: Strong oxidising agents. Strong alkalis. Strong mineral acids.

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

11 TOXICOLOGICAL INFORMATION

HEALTH HAZARDS, GENERAL: Prolonged and repeated contact with solvents over a long period may lead to permanent health problems.

INHALATION: Gas or vapour in high concentrations may irritate respiratory system. Gas or vapour displaces oxygen available for breathing (asphyxiant).

SKIN: Product has a defatting effect on skin. Prolonged or repeated exposure may cause severe irritation.

EYES: Spray and vapour in the eyes may cause irritation and smarting. May cause severe irritation to eyes.

ROUTE OF ENTRY: Inhalation. Skin and/or eye contact.

12 ECOLOGICAL INFORMATION

ENVIRONMENTAL HAZARDS: No data is available on the product itself.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS: Empty containers must not be burned because of explosion hazard. Dispose of in accordance with Local Authority requirements. Contact specialist disposal companies.

14 TRANSPORT INFORMATION

ROAD:
UN No: 1950 **ADR CLASS No:** 2
ADR ITEM No: 5F **MARGINAL:** 2201
HAZCHEM CODE: N/A **CEFIC TEC(R) No:** 20G27-2
PROPER SHIPPING NAME I: AEROSOLS
ROAD TRANSPORT NOTES: Exempted from control as Limited Quantity provisions apply.

RAIL:
RAIL TRANSPORT CLASS No: 2 **RAILROAD PT:** 5F

SEA:
UN SEA: 1950 **SEA TRANSPORT CLASS No:** 2
IMDG Page No: 2102 **SEA PACK GR:** N/A
EmS No.: 2-13 **MFAG Table No:** 620
MARINE POLLUTANT: No.

AIR:
UN AIR: 1950 **AIR TRANSPORT CLASS No:** 2.1
AIR SUB CLASS: N/A **AIR PACK GR:** N/A

15 REGULATORY INFORMATION

LABEL FOR SUPPLY:



EXTREMELY FLAMMABLE

RISK PHRASES: R-12 Extremely flammable.

SAFETY PHRASES: S-2 Keep out of reach of children.
S-16 Keep away from sources of ignition - No Smoking.
S-23A Do not breathe vapour/spray.
S-51 Use only in well ventilated areas.

UK REGULATORY REFERENCES: The Control of Substances Hazardous to Health Regulations 1988.
Chemicals (Hazard Information & Packaging) Regulations 1993.

UK ENVIRONMENTAL LISTINGS: Rivers (Prevention of Pollution) Act 1961.
Control of Pollution (Special Waste Regulations) Act 1980.

STATUTORY INSTRUMENTS: Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE: Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES: Occupational Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
CHIP for everyone HSG(108).

16 OTHER INFORMATION

INFORMATION SOURCES:	Dangerous Properties of Industrial Materials Report, N.Sax et.al.
REVISION DATE:	7-00
SAFETY DATA SHEET STATUS:	Approved.

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