

PRODUCT SAFETY DATA SHEET

Section 1 Identification of Substance and Company

Trade Name	Parker-Hale Express Gun Oil		
Application	Lubricant/Protectant		
Manufacturer/Supplier	John Rothery (Wholesale) Ltd Rothery House Waterberry Drive WATERLOOVILLE Hants PO7 7XX		
Telephone	02392 245350	Fax:	02392 245351
Emergency Telephone	02392 245350		

Section 2 Composition/Information on Ingredients

A blend of highly refined mineral oils with additives containing no hazardous components. Aerosol propellant is extremely flammable.

Section 3 Hazards Identification

Propellant is an extremely flammable liquefied gas that readily forms explosive air-vapour mixtures.

Eyes	Maybe an irritant to eyes causing pain and redness.
Skin	Prolonged contact can cause skin disorders.
Ingestion	May cause nausea and vomiting.
Inhalation	Over exposure can cause nausea and vomiting.

Section 4 First Aid Measures

Eyes	Flush with water for a minimum of 15 minutes. Seek medical advice if pain or irritation develops.
Skin	Wash thoroughly with soap and water. Remove contaminated clothing. Seek medical advice if irritation develops.
Ingestion	If contamination of the mouth occurs, wash out thoroughly with water. DO NOT INDUCE VOMITING. Seek medical advice.
Inhalation	Remove to fresh air. Seek medical advice.

Section 5 Fire Fighting Measures

Flammability	Extremely flammable
Combustibility	Combustible
Extinguishing Medium	Use foam, dry powder, CO ₂ , or water fog.
Special Fire Fighting Procedures	Use water to cool drums. Wear breathing apparatus.
Products of Combustion	Mainly oxides of carbon with minor unidentified organic compounds.

Section 6 Accidental Release Measures

Personal Precautions If the operation is such that prolonged or repeated contact may reasonably be expected, suitable protective clothing, including gloves of an appropriate standard, and chemical goggles should be worn. Respiratory protection may be required. Spilt product presents a significant slip hazard.

Environmental Precautions Prevent entry into drains, sewers and water courses.
Decontamination Procedures Soak up with inert absorbent material (eg sand), sweep into a suitable container for disposal.

Section 7 Storage and Handling

Store cans in dry conditions protected from frost and elevated temperatures.
Avoid sources of ignition.
Store in original containers which are clearly labelled.
A bunded storage area maybe required.
Compatible with most metals.
Store at ambient temperatures.

Section 8 Exposure Control & Personal Protection

Exposure Limits	Standard	LT Exp	ST Exp
Butane	EH40	600ppm	750
Liquified Petroleum Gas		1000ppm	1250

Eyes Wear safety goggles when handling this product.
Skin Avoid frequent or prolonged contact with the skin. Wear suitable gloves.
Inhalation Ensure area is well ventilated.
Industrial Hygiene Adopt good working practices and personal hygiene standards. Wash hands after use, before eating, drinking or smoking, and before and after the toilet. Contaminated clothing should be laundered before reuse.

Section 9 Physical and Chemical Properties

Physical state		liquified gas	
Colour		clourless	
Odour		slight	
PH		n/a	
Boiling point	(°C)	-42	
Melting Point	(°C)	-101	
Flash point	(°C)	-74°C to 104°C	
Autoignition Temp	(°C)	550°C	
Flammability Limits	Upper %	1.8% in air	
	Lower %	10.0	
Vapour Pressure	25°C	8.5 bar	
Specific gravity of vapour @ 15°C		(air=1.0)	1.59
Solubility in water		insoluble	
Other data		Please note these properties do not constitute a specification	

Section 10 Stability & Reactivity

Stability	Can form explosive mixture with air
Conditions to Avoid	Temperatures above 50°C
Materials to Avoid	Strong oxidising materials
Hazardous Combustion Products	None
Hazardous Decomposition Products	Irritant fumes. Do not breathe products of decomposition
Hazardous Polymerisation	Will not occur.

Section 11 Toxicological Information

The following toxicological assessment is based on knowledge of the toxicity of the products components. Estimated oral LD₅₀ rat >2g/kg

Health Effects

Eyes	May cause transient irritation.
Skin	Unlikely to cause harm on brief or occasional contact.
Inhalation	Unlikely to happen.
Ingestion	May cause nausea, vomiting and diarrhoea.

Section 12 Ecological Information

Environmental Assessment No environmental assessment has been undertaken, due to the small volumes in use. It is unlikely to cause significant ecological damage. It must be used and disposed of as recommended in this data sheet.

Mobility	Mobile
Persistence & Degradability	Persistent, inherently but not readily biodegradable
Bioaccumulative Potential	N/D

Section 13 Disposal considerations

Place used and contaminated materials/packaging in suitable containers. Dispose of using a licensed waste disposal company (Environmental Protection Act 1990 – section 34(7)) and/or in accordance with local regulations.

Section 14 Transport Information

UN No.	1950		
Proper Shipping Name	Aerosols, flammable		
Packaging Group	N/a.		
Marine Pollutant	No		
ADR/RID	Class 2		
IMO	Class 2	P. Instr.	P003
IATA	Class 2.1	P. Instr.	203

Section 15 Regulatory Information

Dangerous Properties	Flammable gas
Label for Supply	2.1 Extremely Flammable
Risk Phrases	R12 Extremely flammable
Safety Phrases	S2 Keep out of the reach of children S16 Keep away from sources of ignition – No smoking S20/21 When using this aerosol do not eat, drink or smoke S23 Do not breathe spray S24/25 Avoid contact with skin and eyes S46 If swallowed seek medical advice immediately and show this container

John Rothery (Wholesale) Ltd
Parker-Hale Express Gun Oil, aerosol

Section 16 Other Information

Other materials should not be added to this product unless recommended.

If you have purchased this product for supply, to a third party, for use at work it is your duty to take all necessary steps to ensure that any person handling or using the product is provided with the information within this sheet.

If you are an employer, it is your duty to tell your employees and others, that maybe affected by the hazards described in this sheet, of any precautions that should be taken.

Legislation and other sources have been used in the compilation of this safety data sheet.

Emergency Telephone	02392 245350
----------------------------	--------------

Issue Date	07/06/12	Revision	3
-------------------	----------	-----------------	----------
