



## SAFETY DATA SHEET RUBBER LUBRICANT

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	RUBBER LUBRICANT		
PRODUCT NO.	RL1R, RL2R, RL2RU		
SUPPLIER	Holt Lloyd International Ltd Oakhurst Drive, Lawnhurst Trading Estate Cheadle Heath, Stockport, SK3 0RZ- England +44 (0)161 491 7391 FAX +44 (0)161 491 7399 A Honeywell Consumer Products Group Company www.holtsauto.com	MANUFACTURER	Holt Lloyd International Ltd Oakhurst Drive, Lawnhurst Trading Estate Cheadle Heath, Stockport, SK3 0RZ- England +44 (0)161 491 7391 FAX +44 (0)161 491 7399 A Honeywell Consumer Products Group Company www.holtsauto.com
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### 2 HAZARDS IDENTIFICATION

Extremely flammable.

CLASSIFICATION F+;R12.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE - UNSPECIFIED	265-149-8	64742-47-8	30-60%	Xn;R65
BUTANE	203-448-7	106-97-8	10-30%	F+;R12
ISOBUTANE	200-857-2	75-28-5	5-10%	F+;R12

The Full Text for all R-Phrases are Displayed in Section 16

### 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

Rinse mouth thoroughly with water and give large amounts of milk or water to people not unconscious. CAUTION! Some medical advisors recommend against induction of vomiting!

#### SKIN CONTACT

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

#### EYE CONTACT

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.

# RUBBER LUBRICANT

## UNUSUAL FIRE & EXPLOSION HAZARDS

Extremely flammable. May explode in a fire. If heated, volume and pressure increases strongly, resulting in explosion of container.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

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.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

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.

### STORAGE PRECAUTIONS

Pressurised container: Must not be exposed for temperatures above 50°C.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
BUTANE	WEL	600 ppm	1450 mg/m3	750 ppm	1810 mg/m3	
ISOBUTANE	OES	800 ppm		800 ppm		

WEL = Workplace Exposure Limit.

### INGREDIENT COMMENTS

WEL = Workplace Exposure Limits

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves. Rubber gloves are recommended. EN374

### 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.

### HYGIENE MEASURES

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. When using do not eat, drink or smoke.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol Liquid
COLOUR	Colourless
ODOUR	Characteristic Kerosene.
SOLUBILITY	Insoluble in water Soluble in Aromatic solvents Hydrocarbons.
FLAMMABILITY LIMIT - LOWER(%)	0.6
FLAMMABILITY LIMIT - UPPER(%)	9.0

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

**RUBBER LUBRICANT****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 (CO<sub>2</sub>).

**11 TOXICOLOGICAL INFORMATION****INHALATION**

In high concentrations, vapours may irritate throat and respiratory system and cause coughing.

**INGESTION**

No harmful effects expected in amounts likely to be ingested by accident.

**SKIN CONTACT**

Prolonged contact may cause redness and irritation.

**EYE CONTACT**

Spray and vapour in the eyes may cause irritation and smarting.

**ROUTE OF ENTRY**

Inhalation. Skin and/or eye contact.

**12 ECOLOGICAL INFORMATION****ECOTOXICITY**

Not regarded as dangerous for the environment. The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

**13 DISPOSAL CONSIDERATIONS****DISPOSAL METHODS**

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

**14 TRANSPORT INFORMATION****GENERAL**

Limited Quantities



UK ROAD CLASS	2	UK ROAD PACK GR.	N/A
PROPER SHIPPING NAME	AEROSOLS	ADR CLASS	Class 2: Gases
UN NO. ROAD	1950	ADR LABEL NO.	2.1
ADR CLASS NO.	2	RID PACK GROUP	N/A
ADR PACK GROUP	N/A	IMDG CLASS	2.1
RID CLASS NO.	2	EMS	F-D, S-U
UN NO. SEA	1950	UN NO. AIR	1950
IMDG PACK GR.	N/A	AIR PACK GR.	N/A
MARINE POLLUTANT	No.		
AIR CLASS	2.1		

**15 REGULATORY INFORMATION****LABELLING**

Extremely Flammable

**RUBBER LUBRICANT**

## RISK PHRASES

R12 Extremely flammable.

## SAFETY PHRASES

S2 Keep out of the reach of children

S16 Keep away from sources of ignition - No smoking.

S23 Do not breathe vapour/spray.

S51 Use only in well-ventilated areas.

A1 Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

A2 Do not spray on a naked flame or any incandescent material.

## EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC. 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), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

## NATIONAL REGULATIONS

Control of Substances Hazardous to Health Regulations 2002 (as amended) The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. The Aerosol Dispensers (EEC Requirements)(Amendment) Regulations 1996 (SI 1996 No 2421).

**16 OTHER INFORMATION**

## REVISION COMMENTS

Change of reference number.

## ISSUED BY

Technical Department

REVISION DATE 27/02/2009

REV. NO./REPL. SDS GENERATED 2

SDS NO. 10908

## SAFETY DATA SHEET STATUS

Approved.

DATE 21-03-05

## RISK PHRASES IN FULL

R12 Extremely flammable.

R65 Harmful: may cause lung damage if swallowed.

## DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.