

Maintenance
Flush

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION, REVISION NUMBER AND DATE

Product Name : RJ-IG MAINTENANCE FLUSH
Product Code : J/RJIGFM/****/****
Revision No : A
Date : 09/01

2. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS (nl - not listed in CHIP)

<u>Chemical Name</u>	<u>%</u>	<u>CAS Number</u>	<u>TSCA Listed</u>	<u>EEC No</u>	<u>Hazard Symbol</u>	<u>Risk Phrases</u>
Lactic Acid Propyl Ester	> 90	616-09-1	✓	210-464-8	St Andrews Cross	R41

R41 = Risk of serious damage to eyes.
The remaining ingredients, including the dye, do not present a health hazard within the meaning of the EC/ CHIP2 regulations.

3. HAZARDOUS IDENTIFICATION

Classification (CHIP) : Irritant

Main Health Hazards : Risk of serious damage to eyes.
Not expected to present any hazards to health under normal conditions of expected use.

4. FIRST AID

Inhalation : Remove casualty to fresh air.
Skin Contact : Wash from skin using soap and water.
Eye Contact : Flush thoroughly with water. If soreness or redness persists, seek medical attention.
Ingestion : DO NOT induce vomiting, encourage casualty to drink water. Seek medical advice.

5. FIRE FIGHTING MEASURES

Flammability : Product is not classed as flammable.
Combustion products : Oxides of Carbon.
Extinguishing media : In the event of a fire use CO2, Foam, Dry Powder, or Vapourising Liquid.
Do not use :

6. ACCIDENTAL RELEASE MEASURE

Mop or soak up spillage's in absorbent material. Dispose of in accordance with Local Authority Regulations.

7. HANDLING AND STORAGE

Handling : Avoid prolonged skin contact. Wear gloves and safety glasses if splashing is likely.
Fire Prevention : Avoid heat and sources of ignition
Storage : Normal cool warehouse conditions. Keep in closed container.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Respiratory protection : Keep work area well ventilated.
Eye and Skin protection : Wear safety glasses and gloves if splashing is likely.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)**OCCUPATIONAL EXPOSURE LIMITS :**

Substance listed in EH40/-	Long term (8 Hrs)		Short term (10 min)	
	ppm	mg/m ³	ppm	mg/m ³
Lactic Acid Propyl Ester	Not assigned by HSE (1) or ACGIH (2)			

9. PHYSICAL AND CHEMICAL PROPERTIES (n.d.a = No data available)

Form : Colourless liquid	pH : n/a	Boiling Point: ~170 °C
Flashpoint : ~69°C	Melting Point : ~-14 °C	
Vapour Pressure : ~0.83 mm Hg @ 20°C	Vapour Density : ~4.6 (Air = 1)	
Solubility in Water : Miscible in water	Density : Approx. 1.0	
Autoignition Point : ~380 °C	Explosive Limits: Lower - n.d.a.	

10. STABILITY AND REACTIVITY

Chemical reactivity : Stable under normal conditions

Decomposition products : Carbon Oxides

Materials / conditions to avoid : None

11. TOXICOLOGICAL INFORMATIONLD₅₀ : Acute / oral / rat: > 5000mg/kg**12. ECOLOGICAL INFORMATION**Lactic Acid Propyl Ester: Readily biodegradable; Bioaccumulation unlikely LC₅₀/96h/Fish = 150mg/l; EC₅₀/96h/Algae = 1000mg/l**13. DISPOSAL CONSIDERATIONS**

Consult Local Authority for regulations regarding waste disposal

14. TRANSPORT REGULATIONS

Proper shipping name :	Packing group : Not applicable
UN Number : Not applicable	IMDG class : Not applicable
IMDG code :	RID/ADR : Not applicable
ICAO/IATA class : Not applicable	Hazard warning sign :
Marine pollutant :	

15. REGULATORY INFORMATION

CHIP labelling -	Symbol : St Andrews Cross	Hazard : Irritant Risk Phrases: R41 Safety Phrases: S25	Contains : Lactic Acid Propyl Ester
Other suggested labelling : R41 = Risk of serious damage to eyes S25 = Avoid contact with eyes			

16. OTHER INFORMATION

This safety data sheet has been updated to comply with CHIP regulations. The information is based solely on the data provided by the suppliers of the materials used and/or recognised technical sources, not on the mixture itself and is believed to be correct as of this date. No warranty is expressed or implied regarding the accuracy of the data.

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