

# SAFETY DATA SHEET

## Rejel Automotive Limited - Dinitrol 3125 Spray 400ml Aerosols

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

PRODUCT NAME Rejel Automotive Limited - Dinitrol 3125 Spray 400ml Aerosols  
 PRODUCT NO. 123  
 SUPPLIER Rejel Automotive Limited  
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### 2 HAZARDS IDENTIFICATION

Extremely flammable. Repeated exposure may cause skin dryness or cracking. Vapours may cause drowsiness and dizziness.

CLASSIFICATION F+;R12. R66, R67.

#### ENVIRONMENT

The product is not expected to be hazardous to the environment.

#### PHYSICAL AND CHEMICAL HAZARDS

Pressurised container: Must not be exposed for temperatures above 50°C. The product is extremely flammable, and explosive vapour/air mixtures may be formed even at normal room temperatures.

#### HUMAN HEALTH

In high concentrations, vapours and spray mists are narcotic and may cause headache, fatigue, dizziness and nausea.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BUTANE	203-448-7	106-97-8	5-10%	F+;R12
DISTILLATES (PETROLEUM), HYDROTREATED LIGHT; KEROSENE	265-149-8	64742-47-8	5-10%	Xn;R65. R66.
ISOBUTANE	200-857-2	75-28-5	1-5%	F+;R12
NAPHTHA (PETROLEUM) HYDROTREATED HEAVY	265-150-3	64742-48-9	30-60%	Xn;R65. R10,R66,R67.
PROPANE	200-827-9	74-98-6	10-30%	F+;R12

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

### 4 FIRST-AID MEASURES

#### GENERAL INFORMATION

Move the exposed person to fresh air at once.

#### INHALATION

Move the exposed person to fresh air at once. Perform artificial respiration if breathing has stopped. Keep the affected person warm and at rest. Get prompt medical attention.

#### INGESTION

Immediately rinse mouth and provide fresh air. Do not induce vomiting. Get medical attention.

#### SKIN CONTACT

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

#### EYE CONTACT

Immediately rinse with water. Continue to rinse for at least 15 minutes. Make sure to remove any contact lenses from the eyes before rinsing. Get medical attention promptly if symptoms occur after washing.

### 5 FIRE-FIGHTING MEASURES

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## EXTINGUISHING MEDIA

Water spray, foam, dry powder or carbon dioxide.

## SPECIAL FIRE FIGHTING PROCEDURES

Use water spray to reduce vapours. Aerosol cans may explode in a fire. Cool aerosol containers exposed to heat with water spray and remove container, if no risk is involved.

## UNUSUAL FIRE & EXPLOSION HAZARDS

Extremely flammable. Forms explosive mixtures with air. May explode in a fire. Vapours are heavier than air and may spread near ground to sources of ignition.

## SPECIFIC HAZARDS

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

## 6 ACCIDENTAL RELEASE MEASURES

### PERSONAL PRECAUTIONS

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

### ENVIRONMENTAL PRECAUTIONS

Avoid discharge into drains.

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Absorb in vermiculite, dry sand or earth and place into containers. Provide ventilation and confine spill. Do not allow runoff to sewer.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Keep away from heat, sparks and open flame. Read and follow manufacturer's recommendations. Avoid inhalation of vapours and spray mists. Do not spray on a naked flame or any incandescent material. When sprayed on a naked flame or any incandescent material the aerosol vapours can be ignited.

### STORAGE PRECAUTIONS

Extremely flammable. Store at moderate temperatures in dry, well ventilated area. Keep away from heat, sparks and open flame. Pressurised container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

## 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		Asphyxiating		Asphyxiating
NAPHTHA (PETROLEUM) HYDROTREATED HEAVY	OES		1000 mg/m3	
PROPANE		Asphyxiating		Asphyxiating

WEL = Workplace Exposure Limit.

### RESPIRATORY EQUIPMENT

No specific recommendation made, but respiratory protection must be used if the general level exceeds the Recommended Workplace Exposure Limit. In case of inadequate ventilation use suitable respirator.

### HAND PROTECTION

For prolonged or repeated skin contact use suitable protective gloves.

### EYE PROTECTION

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

### HYGIENE MEASURES

When using do not eat, drink or smoke. Wash promptly if skin becomes wet or contaminated.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol
COLOUR	Brown
ODOUR	of solvents
SOLUBILITY	Insoluble in water
FLASH POINT (°C)	-40

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AUTO IGNITION 200  
 TEMPERATURE (°C)  
 FLAMMABILITY LIMIT - UPPER(%) 9.5

FLAMMABILITY LIMIT - LOWER(%) 0.6

## 10 STABILITY AND REACTIVITY

**STABILITY**

Highly volatile.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition. Avoid exposure to high temperatures or direct sunlight.

## 11 TOXICOLOGICAL INFORMATION

**SKIN CONTACT**

Repeated exposure may cause skin dryness or cracking.

**EYE CONTACT**

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

**HEALTH WARNINGS**

In high concentrations, vapours are narcotic and may cause headache, fatigue, dizziness and nausea. Arrhythmia, (deviation from normal heart beat).

**ROUTE OF ENTRY**

Inhalation.

**TARGET ORGANS**

Central nervous system. Respiratory system, lungs.

**MEDICAL SYMPTOMS**

Narcotic effect. Vapours may cause drowsiness and dizziness.

## 12 ECOLOGICAL INFORMATION

**ECOTOXICITY**

The product is not expected to be toxic to aquatic organisms.

## 13 DISPOSAL CONSIDERATIONS

**DISPOSAL METHODS**

Make sure containers are empty before discarding (explosion risk). Do not puncture or incinerate even when empty. Dispose of waste and residues in accordance with local authority requirements.

## 14 TRANSPORT INFORMATION



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 CLASS NO.	2
ADR PACK GROUP	N/A	UN NO. SEA	1950
CEFIC TEC(R) NO.	20G5F	EMS	F-D, S-U
RID PACK GROUP	N/A	MARINE POLLUTANT	No.
IMDG CLASS	2	AIR CLASS	2
MFAG	See Guide	AIR PACK GR.	N/A
UN NO. AIR	1950		
AIR SUB CLASS	2.1		

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## 15 REGULATORY INFORMATION

### LABELLING



Extremely Flammable

### RISK PHRASES

R12 Extremely flammable.  
 R66 Repeated exposure may cause skin dryness or cracking.  
 R67 Vapours may cause drowsiness and dizziness.

### 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.  
 S24/25 Avoid contact with skin and eyes.  
 S51 Use only in well-ventilated areas.  
 U2 Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.  
 U3 Do not spray on a naked flame or any incandescent material.

### UK REGULATORY REFERENCES

Health and Safety at Work Act 1974. Chemicals (Hazard Information & Packaging) Regulations. The Control of Substances Hazardous to Health Regulations 1988.

### EU DIRECTIVES

Dangerous Preparations Directive 1999/45/EC.

### STATUTORY INSTRUMENTS

Control of Substances Hazardous to Health.

### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

## 16 OTHER INFORMATION

REVISION DATE 10/09/2009

REV. NO./REPL. SDS GENERATED 2

### RISK PHRASES IN FULL

R10 Flammable.  
 R12 Extremely flammable.  
 R65 Harmful: may cause lung damage if swallowed.  
 R66 Repeated exposure may cause skin dryness or cracking.  
 R67 Vapours may cause drowsiness and dizziness.

### 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.