



SAFETY DATA SHEET

ROCOL Penetrating Spray

14021 1.00 GB Current 13.06.1996

SAFETY DATA SHEET Ref. No. 14021	
1. PRODUCT AND COMPANY IDENTIFICATION	
Trade Name	ROCOL Penetrating Spray
Manufacturer/Supplier	ROCOL Limited
Address	ROCOL House, Swillington, Leeds, LS26 8BS, ENGLAND.
Phone Number	+44 (0)113 2322700
Fax Number	+44 (0)113 2322760
Emergency Phone Number	+44 (0)113 2322600
2. COMPOSITION/INFORMATION ON THE COMPONENTS	
Hazardous Components in Product for EC	Concentration R Phrases Classification
Component Name	
1. No constituents need to be specified.	0.00 - 100.00
3. HAZARD IDENTIFICATION	
Main Hazards	Not classified as hazardous.
Health Effects - Eyes	Liquid may cause slight transient irritation.
Health Effects - Skin	Repeated or prolonged contact may produce defatting of the skin leading to irritation and dermatitis.
Health Effects - Ingestion	Swallowing may have the following effects:- nausea, drowsiness.
Health Effects - Inhalation	Exposure to vapour at high concentrations may have the following effects:- drowsiness.
4. FIRST AID MEASURES	
First Aid - Eyes	Wash out eye with plenty of water. Obtain medical attention if soreness or redness persists.
First Aid - Skin	Wash skin with soap and water. Apply a reconditioning skin cream.
First Aid - Ingestion	Do not induce vomiting. Obtain medical attention.
First Aid - Inhalation	Remove from exposure. Seek medical attention if you feel unwell.
5. FIRE FIGHTING MEASURES	
Extinguishing Media	Use foam, dry chemical or carbon dioxide. Keep containers and surroundings cool with water spray.
Unsuitable Extinguishing Media	Do not use water jet.
Special Hazards of Product	Containers may explode in heat of fire. This product may give rise to hazardous fumes in a fire.
Protective Equipment for Fire-Fighting	Wear self contained breathing apparatus.
6. ACCIDENTAL RELEASE MEASURES	
Personal Precautions	Eliminate all sources of ignition. Ventilate the area. Wear appropriate protective clothing. Material can create slippery conditions underfoot.
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6. ACCIDENTAL RELEASE MEASURES (continued)	
Environmental Precautions	Try to prevent the material from entering drains or water courses.
Spillages	Allow to evaporate if it is safe to do so or contain and absorb using earth, sand or other inert material. Transfer into suitable containers for recovery or disposal.
7. HANDLING AND STORAGE	
Handling	Use in well ventilated area.
Storage	Storage area should be: out of direct sunlight. Storage temperature should be kept below 50 °C.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION	
Engineering Control Measures	Exposure to this material may be controlled in a number of ways. The measures appropriate for a particular worksite depend on how the material is used and on the potential for exposure. Use of the basic principles of Industrial Hygiene will enable this material to be used safely.
Respiratory Protection	Respiratory protection if there is a risk of exposure to high vapour concentrations.
Hand Protection	Use a good quality barrier cream.
Eye Protection	Chemical goggles if there is a risk of eye contact.
Body Protection	Normal work wear.
Protection During Application	During application, adequate ventilation must be provided.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State	Liquid.
Colour	Pale. Grey.
Odour	Characteristic.
Boiling Range/Point (°C)	195
Flash Point (PMCC) (°C)	70
Explosion Limits (%)	0.9 to 8.0. (based on major component)
Solubility in Water (kg/m3)	Insoluble.
Vapour Pressure (mm.Hg./20 °C)	<1
Density (kg/m3)	0.83. (measured as kg/litre)
Auto-flammability (°C)	Above 200.
Viscosity (cSt)	Mobile liquid at ambient temperatures.
Vapour Density (Air = 1)	Heavier than air.
Evaporation Rate	<0.1 (referenced as n-butyl acetate = 1)
10. STABILITY AND REACTIVITY	
Stability	Stable under normal conditions.
Conditions to Avoid	Exposure to direct sunlight. Temperatures in excess of 50 °C.
Materials to Avoid	Strong oxidising agents.
Hazardous Decomposition Products	Combustion will generate: smoke, possibly thick and choking, resulting in zero visibility.
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10.	STABILITY AND REACTIVITY (continued)	
	Combustion may also generate: oxides of sulphur.	
11.	TOXICOLOGICAL INFORMATION	
	Acute Toxicity	Low order of acute toxicity.
12.	ECOLOGICAL INFORMATION	
	Mobility	The product is insoluble in water. If released to water the product will float. The product will leach into soil.
	Persistence/Degradability	The product is expected to be resistant to biodegradation.
	Bio-accumulation	Product is not expected to bioaccumulate.
13.	DISPOSAL	
	Container Disposal	Plastic caps and empty aerosols may be recycled via appropriate routes. Empty aerosols may be disposed of by authorised landfill. Do not incinerate closed containers.
14.	TRANSPORT INFORMATION	
	UN Number	1950
	UN Proper Shipping Name	Aerosols, flammable, n.o.s.
	UN Class	2.1
	UN Packaging Group	II
	ADR/RID Substance Identification Number	1950
	ADR/RID - Description	Aerosols.
	ADR/RID - Class	2
	ADR/RID - Item No.	10(b)2
	IMDG - Proper Shipping Name	Aerosol Dispensers.
	IMDG - Packaging Group	II
	IMDG - Class	9
	IMDG - Marine Pollutant	No.
	IMDG - Ems Number	2-13
	IMDG - MFAG Table Number	310
	IATA - Proper Shipping Name	Aerosols, flammable, n.o.s.
	IATA - Packaging Group	II
	IATA - Class	2.1
	Tremcard No. TEC(R)	20G26
15.	REGULATORY INFORMATION	
	R phrases	None.
	S phrases	None.
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