

SAFETY DATA SHEET

Sanglier Activator 0.4%

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

PRODUCT NAME Sanglier Activator 0.4%
SUPPLIER Sanglier Limited
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2 HAZARDS IDENTIFICATION

Extremely flammable. Irritating to skin. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment. Vapours may cause drowsiness and dizziness.

CLASSIFICATION Xi;R38. F+;R12. N;R50/53. R67.

ENVIRONMENT

The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic 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 aerosol mists have a narcotic effect and may cause headache, fatigue, dizziness and nausea.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
BUTANE/ISOBUTANE		106-97-8	10-30%	F+;R12.
CYCLOPENTANE	206-016-6	287-92-3	1-5%	F;R11 R52/53
HEPTANE	205-563-8	142-82-5	30-60%	F;R11 Xn;R65 Xi;R38 R67 N;R50/53
HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))			10-30%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
HEXANE-norm	203-777-6	110-54-3	1-5%	F;R11 Repr3;R62 Xn;R65,R48/20 Xi;R38 R67 N;R51/53
METHYLCYCLOHEXANE	203-624-3	108-87-2	1-5%	F;R11 Xn;R65 Xi;R38 R67 N;R51/53
PENTANE	203-692-4	109-66-0	1-5%	F+;R12 Xn;R65 R66 R67 N;R51/53
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 if any discomfort continues.

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/ISOBUTANE	WEL	600 ppm		750 ppm		
HEPTANE	WEL	500 ppm				
HEXANE-norm	WEL	20 ppm	72 mg/m3			
PENTANE	WEL	600 ppm	1800 mg/m3			

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 Varying

ODOUR of solvents

PHYSICAL DATA COMMENTS Information given concerns the major ingredient. 23 Flammable gas.

FLASH POINT (°C) <-40°C

AUTO IGNITION
TEMPERATURE (°C)

410-580

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FLAMMABILITY LIMIT - LOWER(%) 1.8%

FLAMMABILITY LIMIT - UPPER(%) 9.5%

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

Irritating to skin. Prolonged and frequent contact may cause redness and irritation.

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. Skin absorption.

TARGET ORGANS

Central nervous system. Respiratory system, lungs.

MEDICAL SYMPTOMS

Narcotic effect. Vapours may cause drowsiness and dizziness.

Name	HEXANE MIXTURE OF ISOMERS (MAX 5% n-HEXANE (203-777-6))
Name	HEPTANE
Name	CYCLOPENTANE
Name	HEXANE-norm

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment. The product contains a substance which is very toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment. Dangerous for the environment if discharged into watercourses. Do not allow to enter drains, sewers or watercourses.

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, 5F	UK ROAD PACK GR.	#
PROPER SHIPPING NAME	AEROSOLS	ADR CLASS	Class 2: Gases
UN NO. ROAD	1950	ADR LABEL NO.	2.1
ADR CLASS NO.	2, 5F	RID CLASS NO.	2, 5F
ADR PACK GROUP	#	UN NO. SEA	1950
CEFIC TEC(R) NO.	20G5F	IMDG PAGE NO.	2102
RID PACK GROUP	#	EMS	F-D, S-U
IMDG CLASS	2	MARINE POLLUTANT	No.
IMDG PACK GR.	#		
MFAG	See Guide		

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UN NO. AIR	1950	AIR CLASS	2
AIR SUB CLASS	2.1	AIR PACK GR.	#

15 REGULATORY INFORMATION

LABELLING



Irritant



Extremely Flammable



Dangerous for the environment

RISK PHRASES

R12	Extremely flammable.
R38	Irritating to skin.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R67	Vapours may cause drowsiness and dizziness.

SAFETY PHRASES

S9	Keep container in a well-ventilated place.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S24	Avoid contact with skin.
S37	Wear suitable gloves.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.
S57	Use appropriate containment to avoid environmental contamination.
S60	This material and its container must be disposed of as hazardous waste.
S61	Avoid release to the environment. Refer to special instructions/safety data sheets.

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

DATE 6 November 2008

RISK PHRASES IN FULL

R11	Highly flammable.
R12	Extremely flammable.
R38	Irritating to skin.
R48/20	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R62	Possible risk of impaired fertility.
R65	Harmful: may cause lung damage if swallowed.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

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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.