

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING· **PRODUCT NAME:** Activator EU· **SUPPLIER:****KGS DIAMOND INTERNATIONAL**

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2 HAZARDS IDENTIFICATION

May cause fire. May cause sensitisation by skin contact. Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

CLASSIFICATION R43. O;R7. N;R50/53.

ENVIRONMENT

The product contains a substance which is very toxic to aquatic organisms.

HUMAN HEALTH

The product is irritating to eyes and skin.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-no.	Content	Classification
DIBENZOYL PEROXIDE	202-327-6	94-36-0	1-10%	E;R2 R43 Xi;R36
DIISOBUTYL PHTHALATE	201-553-2	84-69-5	30-60%	N;R50.
TEXANOL BENZYL PHTHALATE		16883-83-3	30-60%	-

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

4 FIRST-AID MEASURES· **GENERAL INFORMATION:**

Do not breathe vapour. Avoid contact with skin and eyes. In case of accident or if you feel unwell, seek medical advice immediately (show label where possible).

· **INHALATION:**

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

· **INGESTION:**

Do not induce vomiting. If vomiting occurs, the head should be kept low so that stomach vomit doesn't enter the lungs. Drink plenty of water. Get medical attention immediately!

· **SKIN CONTACT:**

Remove contaminated clothes and rinse skin thoroughly with water.
Get medical attention if irritation persists after washing.

· **EYE CONTACT:**

Promptly wash eyes with plenty of water while lifting the eye lids.
Continue to rinse for at least 15 minutes and get medical attention.

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5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

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Fire can be extinguished using: Foam, carbon dioxide or dry powder.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Cool containers exposed to flames with water until well after the fire is out.

Avoid water in straight hose stream; will scatter and spread fire.

Keep run-off water out of sewers and water sources. Dike for water control.

SPECIFIC HAZARDS

Avoid breathing fire vapours.

PROTECTIVE MEASURES IN FIRE

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

6 ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS

Do not breathe vapour. Provide adequate ventilation. Wear protective clothing as described in Section 8 of this safety data sheet. Remove or isolate all sources of ignition.

ENVIRONMENTAL PRECAUTIONS

Do not allow ANY environmental contamination. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

SPILL CLEAN UP METHODS

Absorb spillage with non-combustible, absorbent material.

Collect spillage in containers, seal securely and deliver for disposal according to local regulations.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Provide good ventilation. Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded. Eliminate all sources of ignition.

Keep away from heat, sparks and open flame. Avoid contact with skin and eyes.

Avoid inhalation of vapours. Do not eat, drink or smoke when using the product.

STORAGE PRECAUTIONS

Store in tightly closed original container in a dry, cool and well-ventilated place.

Keep away from heat, sparks and open flame.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	Std	LT - ppm	LT-mg/m ³	ST - ppm	ST-mg/m ³
BENZOYL PEROXIDE	WEL		5 mg/m ³		
DIISOBUTYL PHTHALATE	WEL		5 mg/m ³		

PROCESS CONDITIONS

Provide eyewash, quick drench.

ENGINEERING MEASURES

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

RESPIRATORY EQUIPMENT

If ventilation is insufficient, suitable respiratory protection must be provided.

HAND PROTECTION

Use suitable protective gloves if risk of skin contact. Rubber or plastic.

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EYE PROTECTION

Wear approved safety goggles.

HYGIENE MEASURES

When using do not eat, drink or smoke. Wash hands after handling.
Keep away from food, drink and animal feeding stuffs.

(Contd. of page 2)

SKIN PROTECTION

Wear apron or protective clothing in case of contact.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid
ODOUR	Ester
BOILING POINT (°C)	>287
RELATIVE DENSITY	N/D 20 C
VISCOSITY	25,000 - 35,000 cps 25
MELTING POINT (°C)	N/D
pH-VALUE, CONC. SOLUTION	< 7 @ 20 C
FLASH POINT (°C)	>93 Not noted.

10 STABILITEIT EN REACTIVITEIT**STABILITY**

Stable under normal temperature conditions and recommended use.

CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid excessive heat for prolonged periods of time.
Heating will generate vapours which may form explosive vapour/air mixtures.

MATERIALS TO AVOID

Strong acids. Bases, alkalies (inorganic). Bases, alkalies (organic).
Strong oxidising substances. Amines.

HAZARDOUS DECOMPOSITION PRODUCTS

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

11 TOXICOLOGICAL INFORMATION

TOXIC DOSE 1 - LD 50 >5, 000 mg/kg (oral rat)

TOXIC CONC.- LC50 >22.4 mg/l/4h (inh-rat)

SKIN CONTACT

Irritating to skin. Risk of sensitisation or allergic reactions among sensitive individuals.

HEALTH WARNINGS

Prolonged exposure to the preparation may cause serious health effects.

TARGET ORGANS

Prolonged or repeated exposure may cause: May cause damage to the liver and kidneys.
Respiratory system, lungs. Central nervous system.

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Name	BENZOYL PEROXIDE	
TOXIC CONC., LC50	>22.4 mg/l/4h (inh-rat)	
Name	DIISOBUTYL PHTHALATE	(Contd. of page 3)
TOXIC DOSE 1 - LD50	>5000 mg/kg (oral rat)	
TOXIC CONC., LC50	>22.4 mg/l/4h (inh-rat)	
Name	TEXANOL BENZYL PHTHALATE	

12 ECOLOGICAL INFORMATION

ECOTOXICITY

Dangerous for the environment: May cause long-term adverse effects in the aquatic environment.

MOBILITY

Do not discharge into drains, water courses or onto the ground.

DEGRADABILITY

Assessment of biological degradability (Closed-Bottle Test) 60 %.

WATER HAZARD CLASSIFICATION

WGK 2

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

Dispose of waste and residues in accordance with local authority requirements.

14 TRANSPORT INFORMATION

GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

No transport warning sign required.

MARINE POLLUTANT

No.

15 REGULATORY INFORMATION

LABELLING



irritant



Oxidising



Dangerous for the environment

Bevat

DIBENZOYL PEROXIDE
DIISOBUTYL PHTHALATE
TEXANOL BENZYL PHTHALATE

RISK PHRASES

R7 May cause fire.
R43 May cause sensitisation by skin contact.
R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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REVISION DATE: 25.10.2007

16 OTHER INFORMATION

REVISION DATE 25/10/2007

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REV. NO./REPL. SDS GENERATED 8

RISK PHRASES IN FULL

NC	Not classified.
R2	Risk of explosion by shock, friction, fire or other sources of ignition.
R36	Irritating to eyes.
R43	May cause sensitisation by skin contact.
R50	Very toxic to aquatic organisms.

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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.