

MATERIAL SAFETY DATA SHEET

Product Name OxyCure
PRODUCT PATENT No.: Rsa /Int.Patent AppNo: WO2011061596A3

SECTION: Product and Company Identification

PRODUCT NAME: OxyCure
SYNONYMS: n/a
PRODUCT CODES: Rsa /Int.Patent AppNo: WO2011061596A3
MANUFACTURER: Bio Enforcement SA
DIVISION: n / a
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CHEMICAL NAME: Stabilized - OxyCure
FAMILY: Plant Extract
CHEMICAL Herbal Extract
FORMULA: n/a
PREPARED BY: Makro Organics

SECTION 2: Composition Information and Ingredients

HAZARDOUS INGREDIENTS None known.
COMPONENTS All ingredients not precisely identified are proprietary.
CHEMICAL ANALYSIS:

Origin	La b.	p H	EC	N a	K	C a	M g	F e	Cl	CO ₃	HCO ₃	SO ₄	B	Mn	Cu	Zn	P	NH ₄ - N	NO ₃ - N	F	TDS
	No.		mS/ m								mg/l										mg/l
OxyCure	1875	6.5	13	15	2.2	5.7	2.4	0.2	44		76.4	6	0	0	0	0	0.1	0.3	0.18	0	98
Method s#		W 0 5	W0 4	W 0 1	W0 1	W 01	W 0 1	W 0 1	W 0 7	W0 6	W0 1	W 0 1	W0 1	W 0 1	W0 01			W02	W0 3		

OSHA PEL: none
 ACGIH TLV: n/a
 DAFF Act 36 registration no.: exempt

SECTION 3: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW:

Appearance: Light Caramel Colour Liquid
 Odour: No identifiable odour

POTENTIAL HEALTH EFFECTS

EYES: Irritation may occur
 SKIN: Irritation may occur after contact for extended period
 INGESTION: Excessive ingestion may cause nausea or gastrointestinal discomfort
 INHALATION: n / a

ACUTE AND CHRONIC HEALTH HAZARDS: None known.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Irritant



Irritant

CARCINOGENICITY

OSHA:	n/a
IARC:	n/a
ACGIH:	n/a
OTHER:	n/a
NTP:	n/a

SECTION 4: FIRST AID MEASURES

EYES:	Flush eyes thoroughly with running water for 10 minutes while keeping the eyelids wide open.
SKIN:	Wash the affected area thoroughly with soap and water. Clean Clothing. Irritation will last for limited time only (5 - 10 minutes).
INGESTION:	Thoroughly rinse mouth with water. Drink plenty of fluids. Slight gastrointestinal discomfort may occur
INHALATION:	n/a

SECTION 5: FIRE-FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA:	any
EXTINGUISHING MEDIA WHICH MUST NOT BE USED FOR SAFETY REASONS:	none
SPECIAL EXPOSURE HAZARDS IN A FIRE:	none
SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS	none
OTHER INFORMATION	none

SECTION 6: ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:	Follow protective measures provided in sections 5 and 8 Keep away materials and products which are incompatible with product specified in section 10
ENVIRONMENTAL PRECAUTIONS:	Rinse spilled product to dilute areas of direct contact. The product will only benefit the natural environment if spilled.
METHODS FOR CLEAN UP:	Wear suitable clothing and protective equipment Recover or mop up excess material and reuse wherever possible. Absorb unusable product with suitable material and dispose of in accordance with Section 13.

SECTION 7: HANDLING AND STORAGE

Precautions for Safe Handling

When handling this material ensure that workers stay away from equipment that is moving and/ or processing exposed material and avoid coming into contact with the product by wearing:

Suitable gloves - Occupational protective gloves. Standard duty leather/pigskin, rubber or neoprene gloves are typically most appropriate.
Full length protective trousers and shirts (or overalls).
Suitable boots for the site.
Suitable eye protection recommended practices for occupational eye protection. Low impact goggles with indirect ventilation.

Additional handling procedures should include:

Limit exposure to the product.
Wash any areas of the body that the product may have come into contact after exposure.
Launder protective work clothes prior to re-use.
Check the atmosphere regularly against the relevant exposure standards (Section 8).
Apply the material using a suitable garden or horticultural instrument.
Conditions for Safe Storage

When storing this material:

Store OxyCure in a cool, dry environment.
Ensure sufficient demarcation and signage to identify product.
Bund the storage area.

STORAGE

Keep in a dry place

Keep away from direct sunlight

Keep away from heat

Keep away from incompatible products specified in section 10

Keep only in the original container at temperature not exceeding 30 degree Celsius

If stored under warmer temperatures the life span of the product decreases.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: n/a

VENTILATION: n/a

RESPIRATORY PROTECTION: none required

EYE PROTECTION: ANSI approved safety glasses with side protection or goggles.

SKIN PROTECTION: Wear suitable protective clothing

HYGIENIC PRACTICES: Handle in accordance with good hygiene and safety practice.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

GENERAL INFORMATION

APPEARANCE: Light Caramel Coloured Liquid

ODOR: No identifiable odour

IMPORTANT HEALTH SAFETY AND ENVIRONMENTAL INFORMATION

pH: Range 6.5 - 7.5

BOILING POINT: 100°C

FLASH POINT: not applicable

MELTING POINT: not applicable

FLAMMABILITY
(SOLID, GAS): non flammable

EXPLOSIVE PROPERTIES: non-explosive

VAPOR PRESSURE: not applicable

VAPOR DENSITY: not applicable

BULK DENSITY: n/a

EVAPORATION RATE: not determined

SOLUBILITY IN WATER: dispersible

DECOMPOSITION
TEMPERATURE: not applicable

VISCOSITY: Equivalent to water

SPECIFIC GRAVITY 1.01

Irritant: Slight Irritant after lengthy exposure



Irritant

SECTION 10: STABILITY AND REACTIVITY

STABILITY:	Stable under normal conditions of use.
CONDITIONS TO AVOID:	none
INCOMPATIBILITY (MATERIAL TO AVOID):	none
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:	none known
HAZARDOUS POLYMERIZATION:	n/a
CONDITIONS TO AVOID:	heat and contamination of any kind

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL DATA

ACUTE ORAL TOXICITY:	none known
ACUTE INHALATION TOXICITY:	none known
ACUTE DERMAL IRRITATION:	none known
SKIN IRRITATION:	Slight Irritation after lengthy exposure
EYE IRRITATION:	slight, if direct contact with eyes
SENSITIZATION:	none
CHRONIC TOXICITY:	n/a
CHRONIC TOXICITY /CARCINOGENIC DESIGNATION:	none known

SECTION 12: ECOLOGICAL INFORMATION

ECOTOXICITY EFFECTS

ACUTE TOXICITY:	none
MOBILITY:	not applicable
PERSISTENCE AND DEGRADABILITY:	none known
BIOACCUMULATIVE POTENTIAL:	is not known to accumulate



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SECTION 13: DISPOSAL CONSIDERATIONS

WASTE TREATMENT: Dispose of within current local and national regulations.
No special method required.

PACKAGING TREATMENT: Consult local governmental regulations regarding the proper disposal of emptied containers.

RCRA HAZARD CLASS: n/a

SECTION 14: TRANSPORT INFORMATION

ROAD TRANSPORTATION

PROPER SHIPPING NAME: Chemicals not otherwise indexed (NOI)
Non Hazardous

HAZARD CLASS: Not Regulated

ID NUMBER: n / a

LABEL STATEMENT: none

WATER TRANSPORTATION

PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed (NOI)
Not Hazardous

HAZARD CLASS: Not Regulated

ID NUMBER: n / a

LABEL STATEMENT: none

AIR TRANSPORTATION

PROPER SHIPPING NAME: Chemicals Not Otherwise Indexed (NOI)
Not Hazardous

HAZARD CLASS: Not Regulated

ID NUMBER: n / a

LABEL STATEMENT: none



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SECTION 15: REGULATORY INFORMATION

Preparation does not contain ingredients listed as a dangerous substance in Annex 1 of the EEC directive 67/548.

SECTION 16: OTHER INFORMATION

KEEP OUT OF REACH OF CHILDREN

Although the information and recommendations set forth in this sheet are believed to be correct as of the date hereof, Makro Organics makes no representation as to the completeness or accuracy of such information and recommendations. Makro Organics shall in no event be responsible for any damages of whatsoever nature directly or indirectly resulting from the publication or use of or reliance upon such information and recommendations. You are encouraged to advise anyone working with or exposed to such products of the information contained herein.

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