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A J & A J Hubycki & Oz-Gel Imports Pty Ltd T/as OZ-GEL  
ABN: 38 926 088 116



Revision nr. 10  
Dated 09/02/2017  
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Page n. 1/18

1551ONG-SPOT-ON-2-CLEAR

## Safety data sheet

### SECTION 1. Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

Code: 15510NG  
Product name: SPOT-ON 2 CLEAR

#### 1.2. Relevant identified uses of the substance or mixture and uses advised against

Intended use: Clear coat for polycarbonate

#### 1.3. Details of the supplier of the safety data sheet

Name: GELSON SRL  
Full address: Via Varese 11/13  
District and Country: 20020 Lainate (MI) Italia  
Tel. +39 02 9370640  
Fax +39 02 93797341

e-mail address of the competent person responsible for the Safety Data Sheet: info@gelson.it

Australian distributor: OZ-GEL.  
236 Maddington Rd  
Maddington 6109 Western Australia  
Australian distributor phone number: 0418 913 426 (general information)  
Local Distributor:

#### 1.4. Emergency telephone number

For urgent inquiries refer to: POISONS INFORMATION CENTRE  
Australia Tel. 13 11 26  
New Zealand Tel. 0800 764 766

### SECTION 2. Hazards identification

#### 2.1. Classification of the substance or mixture

The product is classified as hazardous pursuant to the provisions set forth in EC Regulation 1272/2008 (CLP) (and subsequent amendments and supplements). The product thus requires a safety datasheet that complies with the provisions of EC Regulation 1907/2006 and subsequent amendments. Any additional information concerning the risks for health and/or the environment are given in sections 11 and 12 of this sheet.

Hazard classification and indication:

Flammable liquid, category 3	H226	Flammable liquid and vapour.
Eye irritation, category 2	H319	Causes serious eye irritation.
Skin irritation, category 2	H315	Causes skin irritation.
Skin sensitization, category 1A	H317	May cause an allergic skin reaction.
Hazardous to the aquatic environment, chronic toxicity, category 2	H411	Toxic to aquatic life with long lasting effects.

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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 2/18

## 1551ONG-SPOT-ON-2-CLEAR

### 2.2. Label elements

Hazard labelling pursuant to EC Regulation 1272/2008 (CLP) and subsequent amendments and supplements.

Hazard pictograms:



Signal words:

Warning

Hazard statements:

**H226** Flammable liquid and vapour.  
**H319** Causes serious eye irritation.  
**H315** Causes skin irritation.  
**H317** May cause an allergic skin reaction.  
**H411** Toxic to aquatic life with long lasting effects.  
**EUH208** Contains:  
Substance EC 400-830-7

May produce an allergic reaction.

Precautionary statements:

**P210** Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
**P233** Keep container tightly closed.  
**P264** Wash . . . thoroughly after handling.  
**P280** Wear protective gloves / eye protection / face protection.  
**P303+P361+P353** IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].  
**P333+P313** If skin irritation or rash occurs: Get medical advice / attention.

**Contains:** Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate  
Reaction mass of pentamethyl-piperidyl sebacate

### 2.3. Other hazards

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

## SECTION 3. Composition/information on ingredients

### 3.1. Substances

Information not relevant

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Revision nr. 10  
Dated 09/02/2017  
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Page n. 3/18

## 1551ONG-SPOT-ON-2-CLEAR

### 3.2. Mixtures

Contains:

Identification	Conc. %	Classification 1272/2008 (CLP)
<b>Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate</b> CAS 136210-30-5 EC 429-270-1 INDEX 607-521-00-8 Reg. no. 01-0000017556-64-0000	50 - 100	Skin Sens. 1 H317, Aquatic Chronic 3 H412
<b>XYLENE (MIXTURE OF ISOMERS)</b> CAS 1330-20-7 EC 215-535-7 INDEX 601-022-00-9 Reg. no. 01-2119486136-34	10 - 30	Flam. Liq. 3 H226, Acute Tox. 4 H312, Acute Tox. 4 H332, Skin Irrit. 2 H315, Note C
<b>Hydrocarbons, C9, aromatics</b> CAS 64742-95-6 EC 918-668-5 INDEX - Reg. no. 01-2119455851-35	9 - 10	Flam. Liq. 3 H226, Asp. Tox. 1 H304, STOT SE 3 H335, STOT SE 3 H336, Aquatic Chronic 2 H411, Note P
<b>Diethyl fumarate</b> CAS 623-91-6 EC 210-819-7 INDEX -	1 - 3	Acute Tox. 4 H302, Eye Dam. 1 H318, Skin Irrit. 2 H315, STOT SE 3 H335
<b>Reaction mass of pentamethyl-piperidyl sebacate</b> CAS - EC 915-687-0 INDEX - Reg. no. 01-2119491304-40	2,5 - 5	Skin Sens. 1A H317, Aquatic Acute 1 H400 M=1, Aquatic Chronic 1 H410
<b>Substance EC 400-830-7</b> CAS - EC 400-830-7 INDEX 607-176-00-3 Reg. no. 01-0000015075-76	0,5 - 1	Skin Sens. 1 H317, Aquatic Chronic 2 H411

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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 4/18

## 1551ONG-SPOT-ON-2-CLEAR

Note: Upper limit is not included into the range

The full wording of hazard (H) phrases is given in section 16 of the sheet.

### SECTION 4. First aid measures

#### 4.1. Description of first aid measures

EYES: Remove contact lenses, if present. Wash immediately with plenty of water for at least 30-60 minutes, opening the eyelids fully. Get medical advice/attention.

SKIN: Remove contaminated clothing. Rinse skin with a shower immediately. Get medical advice/attention.

INGESTION: Have the subject drink as much water as possible. Get medical advice/attention. Do not induce vomiting unless explicitly authorised by a doctor.

INHALATION: Get medical advice/attention immediately. Remove victim to fresh air, away from the accident scene. If the subject stops breathing, administer artificial respiration. Take suitable precautions for rescue workers.

#### 4.2. Most important symptoms and effects, both acute and delayed

For symptoms and effects caused by the contained substances, see section 11.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Information not available

### SECTION 5. Firefighting measures

#### 5.1. Extinguishing media

##### SUITABLE EXTINGUISHING EQUIPMENT

Extinguishing substances are: carbon dioxide, foam, chemical powder. For product loss or leakage that has not caught fire, water spray can be used to disperse flammable vapours and protect those trying to stem the leak.

##### UNSUITABLE EXTINGUISHING EQUIPMENT

Do not use jets of water. Water is not effective for putting out fires but can be used to cool containers exposed to flames to prevent explosions.

#### 5.2. Special hazards arising from the substance or mixture

##### HAZARDS CAUSED BY EXPOSURE IN THE EVENT OF FIRE

Excess pressure may form in containers exposed to fire at a risk of explosion. Do not breathe combustion products.

#### 5.3. Advice for firefighters

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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 5/18

## 1551ONG-SPOT-ON-2-CLEAR

### GENERAL INFORMATION

Use jets of water to cool the containers to prevent product decomposition and the development of substances potentially hazardous for health. Always wear full fire prevention gear. Collect extinguishing water to prevent it from draining into the sewer system. Dispose of contaminated water used for extinction and the remains of the fire according to applicable regulations.

### SPECIAL PROTECTIVE EQUIPMENT FOR FIRE-FIGHTERS

Normal fire fighting clothing i.e. fire kit (BS EN 469), gloves (BS EN 659) and boots (HO specification A29 and A30) in combination with self-contained open circuit positive pressure compressed air breathing apparatus (BS EN 137).

## SECTION 6. Accidental release measures

### 6.1. Personal precautions, protective equipment and emergency procedures

Block the leakage if there is no hazard.

Wear suitable protective equipment (including personal protective equipment referred to under Section 8 of the safety data sheet) to prevent any contamination of skin, eyes and personal clothing. These indications apply for both processing staff and those involved in emergency procedures.

### 6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

### 6.3. Methods and material for containment and cleaning up

Collect the leaked product into a suitable container. If the product is flammable, use explosion-proof equipment. Evaluate the compatibility of the container to be used, by checking section 10. Absorb the remainder with inert absorbent material.

Make sure the leakage site is well aired. Contaminated material should be disposed of in compliance with the provisions set forth in point 13.

### 6.4. Reference to other sections

Any information on personal protection and disposal is given in sections 8 and 13.

## SECTION 7. Handling and storage

### 7.1. Precautions for safe handling

Keep away from heat, sparks and naked flames; do not smoke or use matches or lighters. Without adequate ventilation, vapours may accumulate at ground level and, if ignited, catch fire even at a distance, with the danger of backfire. Avoid bunching of electrostatic charges. Do not eat, drink or smoke during use. Remove any contaminated clothes and personal protective equipment before entering places in which people eat. Avoid leakage of the product into the environment.

### 7.2. Conditions for safe storage, including any incompatibilities

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Revision nr. 10  
 Dated 09/02/2017  
 Printed on 29/08/17  
 Page n. 6/18

## 1551ONG-SPOT-ON-2-CLEAR

Store only in the original container. Store in a well ventilated place, keep far away from sources of heat, naked flames and sparks and other sources of ignition. Keep containers away from any incompatible materials, see section 10 for details.

### 7.3. Specific end use(s)

Information not available

## SECTION 8. Exposure controls/personal protection

### 8.1. Control parameters

Regulatory References:

DEU	Deutschland	MAK-und BAT-Werte-Liste 2012
ESP	España	INSHT - Límites de exposición profesional para agentes químicos en España 2015
FRA	France	JORF n°0109 du 10 mai 2012 page 8773 texte n° 102
GBR	United Kingdom	EH40/2005 Workplace exposure limits
ITA	Italia	Decreto Legislativo 9 Aprile 2008, n.81
NLD	Nederland	Databank of the social and Economic Council of Netherlands (SER) Values, AF 2011:18
EU	OEL EU	Directive 2009/161/EU; Directive 2006/15/EC; Directive 2004/37/EC; Directive 2000/39/EC; Directive 91/322/EEC.
	TLV-ACGIH	ACGIH 2016

### Tetraethyl N,N'-(methylenedicyclohexane-4,1-diyl)bis-DL-aspartate

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,00013	mg/l
Normal value in marine water	0,000013	mg/l
Normal value for fresh water sediment	0,21	mg/L
Normal value for marine water sediment	0,02	mg/L
Normal value of STP microorganisms	31,1	mg/kg
Normal value for the terrestrial compartment	0,1	mg/kg

### Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral	VND	1,4 mg/kg	VND	1,4 mg/kg				
Inhalation	VND	4,8 mg/m3	VND	4,8 mg/m3	VND	112 mg/m3	VND	28 mg/m3
Skin	VND	1,4 mg/L	VND	1,4 mg/kg			VND	4 mg/kg

### XYLENE (MIXTURE OF ISOMERS)

#### Threshold Limit Value

Type	Country	TWA/8h	ppm	STEL/15min	ppm	SKIN
		mg/m3		mg/m3		
AGW	DEU	440	100	880	200	

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Revision nr. 10  
 Dated 09/02/2017  
 Printed on 29/08/17  
 Page n. 7/18

## 1551ONG-SPOT-ON-2-CLEAR

MAK	DEU	440	100	880	200	SKIN
VLA	ESP	221	50	442	100	SKIN
VLEP	FRA	221	50	442	100	SKIN
WEL	GBR	220	50	441	100	
TLV	ITA	221	50	442	100	SKIN
OEL	NLD	210		442		SKIN
OEL	EU	221	50	442	100	SKIN
TLV-ACGIH		434	100	651	150	

### Hydrocarbons, C9, aromatics Threshold Limit Value

Type	Country	TWA/8h		STEL/15min	
		mg/m3	ppm	mg/m3	ppm
OEL	EU	100	19		

### Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral			VND	11 mg/kg				
Inhalation			VND	32 mg/m3			VND	150 mg/m3
Skin			VND	11 mg/kg			VND	25 mg/kg

### Reaction mass of pentamethyl-piperidyl sebacate

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,0022	mg/l
Normal value in marine water	0,00022	mg/l
Normal value for fresh water sediment	1,05	mg/kg
Normal value for marine water sediment	0,11	mg/kg
Normal value for water, intermittent release	0,009	mg/l
Normal value of STP microorganisms	1	mg/l
Normal value for the terrestrial compartment	0,21	mg/kg

### Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral	VND	1,25 mg/kg	VND	1,25 mg/kg				
Inhalation	VND	0,58 mg/m3	VND	0,58 mg/kg	VND	2,35 mg/m3	VND	2,35 mg/m3
Skin	VND	1,25 mg/kg	VND	1,25 mg/kg	VND	2,5 mg/kg	VND	2,5 mg/kg

### Substance EC 400-830-7

Predicted no-effect concentration - PNEC

Normal value in fresh water	0,0023	mg/l
Normal value in marine water	0,00023	mg/l
Normal value for fresh water sediment	3,06	mg/kg
Normal value for marine water sediment	0,306	mg/kg

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Revision nr. 10  
 Dated 09/02/2017  
 Printed on 29/08/17  
 Page n. 8/18

## 1551ONG-SPOT-ON-2-CLEAR

Normal value for water, intermittent release	0,028	mg/l
Normal value of STP microorganisms	10	mg/l
Normal value for the terrestrial compartment	2	mg/kg

### Health - Derived no-effect level - DNEL / DMEL

Route of exposure	Effects on consumers			Effects on workers				
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral			VND	0,025 mg/kg				
Inhalation			VND	0,085 mg/m3			VND	0,35 mg/m3
Skin			VND	0,25 mg/kg			VND	0,5 mg/kg

#### Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = **Respirable** Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified.

### 8.2. Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Provide an emergency shower with face and eye wash station.

#### HAND PROTECTION

Protect hands with category III work gloves (see standard EN 374).

The following should be considered when choosing work glove material: compatibility, degradation, failure time and permeability.

The work gloves' resistance to chemical agents should be checked before use, as it can be unpredictable. The gloves' wear time depends on the duration and type of use.

#### SKIN PROTECTION

Wear category II professional long-sleeved overalls and safety footwear (see Directive 89/686/EEC and standard EN ISO 20344). Wash body with soap and water after removing protective clothing.

Consider the appropriateness of providing antistatic clothing in the case of working environments in which there is a risk of explosion.

#### EYE PROTECTION

Wear airtight protective goggles (see standard EN 166).

#### RESPIRATORY PROTECTION

If the threshold value (e.g. TLV-TWA) is exceeded for the substance or one of the substances present in the product, use a mask with a type A filter whose class (1, 2 or 3) must be chosen according to the limit of use concentration. (See standard EN 14387). In the presence of gases or vapours of various kinds and/or gases or vapours containing particulate (aerosol sprays, fumes, mists, etc.) combined filters are required.

Respiratory protection devices must be used if the technical measures adopted are not suitable for restricting the worker's exposure to the threshold values considered. The protection provided by masks is in any case limited.

If the substance considered is odourless or its olfactory threshold is higher than the corresponding TLV-TWA and in the case of an emergency, wear open-circuit compressed air breathing apparatus (in compliance with standard EN 137) or external air-intake breathing apparatus (in compliance with standard EN 138). For a correct choice of respiratory protection device, see standard EN 529.



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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 9/18

## 1551ONG-SPOT-ON-2-CLEAR

### ENVIRONMENTAL EXPOSURE CONTROLS

The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

Product residues must not be indiscriminately disposed of with waste water or by dumping in waterways.

## SECTION 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Appearance	Not available
Colour	Not available
Odour	Not available
Odour threshold	Not available
pH	Not available
Melting point / freezing point	Not available
Initial boiling point	Not available
Boiling range	Not available
Flash point	24 °C
Evaporation rate	Not available
Flammability (solid, gas)	Not available
Lower <b>inflammability</b> limit	Not available
Upper <b>inflammability</b> limit	Not available
Lower explosive limit	Not available
Upper explosive limit	Not available
Vapour pressure	Not available
Vapour density	Not available
Relative density	1,010 Kg/l
Solubility	Not available
Partition coefficient: n-octanol/water	Not available
Auto-ignition temperature	Not available
Decomposition temperature	Not available
Viscosity	38 cPs
Explosive properties	Not available
Oxidising properties	Not available

### 9.2. Other information

VOC (Directive 2004/42/EC) :	28,90 % - 291,89 g/litre
VOC (volatile carbon) :	26,93 % - 271,98 g/litre

## SECTION 10. Stability and reactivity

### 10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

### 10.2. Chemical stability

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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 10/18

## 1551ONG-SPOT-ON-2-CLEAR

The product is stable in normal conditions of use and storage.

### 10.3. Possibility of hazardous reactions

The vapours may also form explosive mixtures with the air.

XYLENE (MIXTURE OF ISOMERS): stable, but may develop violent reactions in the presence of strong oxidising agents such as sulphuric and nitric acids and perchlorates. May form explosive mixtures with the air.

### 10.4. Conditions to avoid

Avoid overheating. Avoid bunching of electrostatic charges. Avoid all sources of ignition.

### 10.5. Incompatible materials

Information not available

### 10.6. Hazardous decomposition products

In the event of thermal decomposition or fire, gases and vapours that are potentially dangerous to health may be released.

## SECTION 11. Toxicological information

### 11.1. Information on toxicological effects

In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product.

Acute effects: stinging eyes. Symptoms may include: rubescence, edema, pain and lachrymation. Ingestion may cause health problems, including stomach pain and sting, nausea and sickness.

Acute effects: contact with skin may cause: irritation, erythema, edema, dryness and chapped skin. Ingestion may cause health disorders, including stomach pain and sting, nausea and sickness.

Upon contact with skin, this product causes sensitization (dermatitis). Dermatitis derives from skin irritation on the areas which repeatedly come into contact with the sensitizing agent. Cutaneous lesions may include: erythemas, edemas, papules, vesicles, pustules, scurvies, ulcerations and exudative phenomena, whose intensity varies according to illness seriousness and affected areas. Erythemas, edemas and exudative phenomena prevail during the acute phase. Scurfy skin, dryness, ulcerations and skin thickening prevail during the chronic phase.

This product contains sensitizing substance/s and may cause allergic reactions.

XYLENE (MIXTURE OF ISOMERS): has a toxic effect on the CNS (encephalopathies). Irritating to the skin, conjunctivae, cornea and respiratory apparatus.

Hydrocarbons, C9, aromatics  
LD50 (Oral)3592 mg/kg

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Revision nr. 10  
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Printed on 29/08/17  
Page n. 11/18

## 1551ONG-SPOT-ON-2-CLEAR

LD50 (Dermal)> 3160 mg/kg coniglio  
LC50 (Inhalation)> 6193 mg/m<sup>3</sup> ratto

Reaction mass of pentamethyl-piperidyl sebacate  
LD50 (Oral)3230 mg/kg Rat

Substance EC 400-830-7  
LD50 (Oral)> 5000 mg/kg Rat  
LD50 (Dermal)> 2000 mg/kg Rat  
LC50 (Inhalation)> 5,8 mg/l/4h Rat

Tetraethyl N,N'-(methylenediciclohexane-4,1-diyl)bis-DL-aspartate  
LD50 (Oral)> 2000 mg/kg  
LD50 (Dermal)> 2000 mg/kg  
LC50 (Inhalation)> 4,224 mg/L/4h

XYLENE (MIXTURE OF ISOMERS)  
LD50 (Oral)3523 mg/kg Rat  
LD50 (Dermal)4350 mg/kg Rabbit  
LC50 (Inhalation)26 mg/l/4h Rat

### SECTION 12. Ecological information

This product is dangerous for the environment and is toxic for aquatic organisms. In the long term, it have negative effects on acquatic environment.

#### 12.1. Toxicity

Idrocarburi, C9, aromatici: ErC50 (72h) 2,9 mg/l (Alga)  
NOEC 1 mg/l (Alga).

Hydrocarbons, C9,  
aromatics  
LC50 - for Fish 9,2 mg/l/96h Pesce  
EC50 - for Crustacea 3,2 mg/l/48h Daphnia  
EC50 - for Algae / Aquatic  
Plants 2,9 mg/l/72h

Reaction mass of  
pentamethyl-piperidyl  
sebacate  
LC50 - for Fish 0,9 mg/l/96h  
EC50 - for Algae / Aquatic  
Plants 1,68 mg/l/72h  
Chronic NOEC for Crustacea 1 mg/l

Substance EC 400-830-7  
LC50 - for Fish 2,8 mg/l/96h  
EC50 - for Crustacea 4 mg/l/48h  
EC50 - for Algae / Aquatic  
Plants > 100 mg/l/72h  
EC10 for Algae / Aquatic  
Plants 10 mg/l/72h  
Chronic NOEC for Crustacea 0,78 mg/l

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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 12/18

## 1551ONG-SPOT-ON-2-CLEAR

Tetraethyl N,N'-  
(methylenedicyclohexane-  
4,1-diyl)bis-DL-aspartate  
LC50 - for Fish 66 mg/l/96h  
EC50 - for Crustacea 88,6 mg/l/48h  
EC50 - for Algae / Aquatic  
Plants 113 mg/l/72h

### 12.2. Persistence and degradability

The paraffinic hydrocarbons fraction may be considered biodegradable in water and in air. They distribute mostly in the air. The small non-biodegradable amount which spreads into water tends to accumulate in fish.

Hydrocarbons, C9,  
aromatics  
Rapidly degradable

Reaction mass of  
pentamethyl-piperidyl  
sebacate  
Solubility in water 29,8 mg/l

NOT rapidly degradable

Substance EC 400-830-7  
Solubility in water 7,7 mg/l

NOT rapidly degradable

Tetraethyl N,N'-  
(methylenedicyclohexane-  
4,1-diyl)bis-DL-aspartate  
NOT rapidly degradable

XYLENE (MIXTURE OF  
ISOMERS)  
Solubility in water mg/l 100 - 1000

Degradability: information not available

### 12.3. Bioaccumulative potential

Reaction mass of  
pentamethyl-piperidyl  
sebacate  
Partition coefficient: n-  
octanol/water 2,57 mg/l

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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 13/18

## 1551ONG-SPOT-ON-2-CLEAR

Substance EC 400-830-7

Partition coefficient: n-  
octanol/water < -1,3 mg/l  
BCF 34

Tetraethyl N,N'-  
(methylenedicyclohexane-  
4,1-diyl)bis-DL-aspartate

Partition coefficient: n-  
octanol/water 5,16 calcolato  
BCF 1,872 calcolato

XYLENE (MIXTURE OF  
ISOMERS)

Partition coefficient: n-  
octanol/water 3,12  
BCF 25,9

### 12.4. Mobility in soil

Substance EC 400-830-7

Partition coefficient:  
soil/water 4,2 mg/l

Tetraethyl N,N'-  
(methylenedicyclohexane-  
4,1-diyl)bis-DL-aspartate

Partition coefficient:  
soil/water > 4,2 mg/l

XYLENE (MIXTURE OF  
ISOMERS)

Partition coefficient:  
soil/water 2,73

### 12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain any PBT or vPvB in percentage greater than 0,1%.

### 12.6. Other adverse effects

Information not available

## SECTION 13. Disposal considerations

### 13.1. Waste treatment methods

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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 14/18

## 1551ONG-SPOT-ON-2-CLEAR

Reuse, when possible. Product residues should be considered special hazardous waste. The hazard level of waste containing this product should be evaluated according to applicable regulations.  
Disposal must be performed through an authorised waste management firm, in compliance with national and local regulations.  
Waste transportation may be subject to ADR restrictions.  
CONTAMINATED PACKAGING  
Contaminated packaging must be recovered or disposed of in compliance with national waste management regulations.

### SECTION 14. Transport information

#### 14.1. UN number

ADR / RID, IMDG, 1263  
IATA:

#### 14.2. UN proper shipping name

ADR / RID: PAINT  
IMDG: PAINT (reaction  
mass of  
pentamethyl-  
piperidyl  
sebacate)  
IATA: PAINT

#### 14.3. Transport hazard class(es)

ADR / RID: Class: 3 Label: 3  
IMDG: Class: 3 Label: 3  
IATA: Class: 3 Label: 3



#### 14.4. Packing group

ADR / RID, IMDG, III  
IATA:

#### 14.5. Environmental hazards

ADR / RID: Environmentally  
Hazardous  
IMDG: Marine Pollutant  
IATA: NO



For Air transport, environmentally hazardous mark is only mandatory for UN 3077 and UN 3082.

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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 15/18

## 1551ONG-SPOT-ON-2-CLEAR

### 14.6. Special precautions for user

ADR / RID:	HIN - Kemler: 30	Limited Quantities: 5 L	Tunnel restriction code: (D/E)
IMDG:	Special Provision: - EMS: F-E, <u>S-E</u>	Limited Quantities: 5 L	
IATA:	Cargo: Pass.:	Maximum quantity: 220 L Maximum quantity: 60 L	Packaging instructions: 366 Packaging instructions: 355
	Special Instructions:	A3, A72	

### 14.7. Transport in bulk according to Annex II of **Marpol** and the IBC Code

Information not relevant

## SECTION 15. Regulatory information

### 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

**Seveso** category 6

Restrictions relating to the product or contained substances pursuant to Annex XVII to EC Regulation 1907/2006

Product Point 3 - 40

Substances in Candidate List (Art. 59 REACH)

None

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to exportation reporting pursuant to (EC) Reg. 649/2012:

None

Substances subject to the Rotterdam Convention:

None

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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 16/18

## 1551ONG-SPOT-ON-2-CLEAR

Substances subject to the Stockholm Convention:

None

Healthcare controls

Workers exposed to this chemical agent must not undergo health checks, provided that available risk-assessment data prove that the risks related to the workers' health and safety are modest and that the 98/24/EC directive is respected.

VOC (Directive 2004/42/EC) :

Special finishes.

VOC given in g/litre of product in a ready-to-use condition :

Limit value: 840,00

VOC of product : 408,86

- Catalysed with : 100,00 %

SPOT-ON 2  
CATALYST

### 15.2. Chemical safety assessment

No chemical safety assessment has been processed for the mixture and the substances it contains.

## SECTION 16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

<b>Flam. Liq. 3</b>	Flammable liquid, category 3
<b>Acute Tox. 4</b>	Acute toxicity, category 4
<b>Asp. Tox. 1</b>	Aspiration hazard, category 1
<b>Eye Dam. 1</b>	Serious eye damage, category 1
<b>Eye Irrit. 2</b>	Eye irritation, category 2
<b>Skin Irrit. 2</b>	Skin irritation, category 2
<b>STOT SE 3</b>	Specific target organ toxicity - single exposure, category 3
<b>Skin Sens. 1</b>	Skin sensitization, category 1
<b>Skin Sens. 1A</b>	Skin sensitization, category 1A
<b>Aquatic Acute 1</b>	Hazardous to the aquatic environment, acute toxicity, category 1
<b>Aquatic Chronic 1</b>	Hazardous to the aquatic environment, chronic toxicity, category 1
<b>Aquatic Chronic 2</b>	Hazardous to the aquatic environment, chronic toxicity, category 2
<b>Aquatic Chronic 3</b>	Hazardous to the aquatic environment, chronic toxicity, category 3
<b>H226</b>	Flammable liquid and vapour.
<b>H302</b>	Harmful if swallowed.
<b>H312</b>	Harmful in contact with skin.



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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 17/18

## 1551ONG-SPOT-ON-2-CLEAR

H332	Harmful if inhaled.
H304	May be fatal if swallowed and enters airways.
H318	Causes serious eye damage.
H319	Causes serious eye irritation.
H315	Causes skin irritation.
H335	May cause respiratory irritation.
H317	May cause an allergic skin reaction.
H336	May cause drowsiness or dizziness.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.

### LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS NUMBER: Chemical Abstract Service Number
- CE50: Effective concentration (required to induce a 50% effect)
- CE NUMBER: Identifier in ESIS (European archive of existing substances)
- CLP: EC Regulation 1272/2008
- DNEL: Derived No Effect Level
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labelling of chemicals
- IATA DGR: International Air Transport Association Dangerous Goods Regulation
- IC50: Immobilization Concentration 50%
- IMDG: International Maritime Code for dangerous goods
- IMO: International Maritime Organization
- INDEX NUMBER: Identifier in Annex VI of CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent **bioaccumulative** and toxic as REACH Regulation
- PEC: Predicted environmental Concentration
- PEL: Predicted exposure level
- PNEC: Predicted no effect concentration
- REACH: EC Regulation 1907/2006
- RID: Regulation concerning the international transport of dangerous goods by train
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that should not be exceeded during any time of occupational exposure.
- TWA STEL: Short-term exposure limit
- TWA: Time-weighted average exposure limit
- VOC: Volatile organic Compounds
- vPvB: Very Persistent and very Bioaccumulative as for REACH Regulation
- WGK: Water hazard classes (German).

### GENERAL BIBLIOGRAPHY

1. Regulation (EU) 1907/2006 (REACH) of the European Parliament
2. Regulation (EC) 1272/2008 (CLP) of the European Parliament
3. Regulation (EU) 790/2009 (I Atp. CLP) of the European Parliament
4. Regulation (EU) 2015/830 of the European Parliament
5. Regulation (EU) 286/2011 (II Atp. CLP) of the European Parliament
6. Regulation (EU) 618/2012 (III Atp. CLP) of the European Parliament
7. Regulation (EU) 487/2013 (IV Atp. CLP) of the European Parliament

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Revision nr. 10  
Dated 09/02/2017  
Printed on 29/08/17  
Page n. 18/18

## 1551ONG-SPOT-ON-2-CLEAR

- 8. Regulation (EU) 944/2013 (V Atp. CLP) of the European Parliament
- 9. Regulation (EU) 605/2014 (VI Atp. CLP) of the European Parliament
- 10. Regulation (EU) 2015/1221 (VII Atp. CLP) of the European Parliament
- The Merck Index. - 10th Edition
- Handling Chemical Safety
- INRS - Fiche Toxicologique (toxicological sheet)
- Patty - Industrial Hygiene and Toxicology
- N.I. Sax - Dangerous properties of Industrial Materials-7, 1989 Edition
- ECHA website

**Note for users:**

The information contained in the present sheet are based on our own knowledge on the date of the last version. Users must verify the suitability and thoroughness of provided information according to each specific use of the product.

This document must not be regarded as a guarantee on any specific product property.

The use of this product is not subject to our direct control; therefore, users must, under their own responsibility, comply with the current health and safety laws and regulations. The producer is relieved from any liability arising from improper uses.

Provide appointed staff with adequate training on how to use chemical products.

**Changes to previous review:**

The following sections were modified:

03 / 09 / 11 / 12.