

SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

Honeywell

OS® 3200/37.5 Tetra Oximino Silan 17 KF

KOC65569

Version 2.3

Revision Date 14.08.2008

Print Date 05.02.2010

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

Product information

Trade name : OS® 3200/37.5 Tetra Oximino Silan 17 KF

Product code : KOC65569

Company/Undertaking Identification

Company : Honeywell International, Inc.
101 Columbia Road
07962-1057 Morristown

Telephone :

Telefax :

Emergency telephone :

For further information,
please contact: : SafetyDataSheet@Honeywell.com

2. HAZARDS IDENTIFICATION

Risk advice to man and the environment

Xi, Irritant

R41 Risk of serious damage to eyes.

See Section 11 for more detailed information on health effects and symptoms.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical characterization

Chemical Name : OS® 3200/37.5 Tetra Oximino Silan 17 KF

CAS-No. : 156145-62-9

EC-No. : 423-010-0

Hazardous components

Chemical Name	CAS-No.	EC-No.	Index-No.	Classification	Concentration [%]
Tetrakis(methylsobutylketoximino)silane	156145-62-9	423-010-0		Xi; R41	>= 91
n-Hexane	110-54-3	203-777-6	601-037-00-0	F; R11 R62 Xn; R65-R48/20 Xi; R38 R67 N; R51-R53 Toxic to Reproduction Category 3	< 1

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Occupational Exposure Limit(s), if available, are listed in Section 8.
For the full text of the R-phrases mentioned in this Section, see Section 16.

4. FIRST AID MEASURES

Skin contact : After contact with skin, wash immediately with plenty of water.
Eye contact : In the case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
Ingestion : Call a physician immediately.

See Section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media : Water spray
Foam
Carbon dioxide (CO₂)
Dry powder
Special protective equipment for fire-fighters : In the event of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : Ensure adequate ventilation.
Methods for cleaning up : Soak up with inert absorbent material.
Pick for disposal in tightly closed containers

For personal protection see section 8.

7. HANDLING AND STORAGE

Handling

Advice on safe handling : Exhaust ventilation at the object is necessary.
Advice on protection against fire and explosion : No special precautions required.

Storage

Further information on storage conditions : Keep containers tightly closed in a dry, cool and well-ventilated place.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational exposure controls

Components	Basis	Value type	Control parameters	Exceeding Factor	Form of exposure	Remarks
n-Hexane	EH40 WEL	time weighted average	72 mg/m ³ 20 ppm			
n-Hexane	EU ELV	time weighted average	72 mg/m ³ 20 ppm			

Personal protective equipment

- Respiratory protection : In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit.
- Hand protection : Impervious gloves
- Eye protection : Goggles
- Skin and body protection : Protective suit
- Protective measures : The Personal Protective Equipment must be in accordance with EN standards:respirator EN 136, 140, 149; safety glasses EN 166; protective suit: EN 340, 463, 468, 943-1, 943-2; gloves EN 374, safety shoes EN-ISO 20345.
Do not breathe vapours or spray mist.
Wash hands before breaks and at the end of workday.
When using do not eat, drink or smoke.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form : liquid

Safety data

Melting point/range : < -16 °C

Boiling point/boiling range : 301 °C
at 1.013 hPa

Flash point : ca. 65 °C

Ignition temperature : 304,5 °C

Vapour pressure : 5,1 µPA

Density : 0,955 g/cm³
at 20 °C

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Partition coefficient: n-octanol/water : log Pow 15,71

10. STABILITY AND REACTIVITY

Thermal decomposition : 235 °C
Note: No decomposition if used as directed.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity : LD50
Species: rat
Dose: > 2 g/kg
Method: OECD

Acute dermal toxicity : LD50
Species: rat
Dose: > 2 g/kg
Method: OECD

Skin irritation : Species: rabbit
Classification: non-irritant
Method: OECD

Eye irritation : Species: rabbit eye
Classification: Risk of serious damage to eyes.
Method: OECD

Sensitisation : Species: guinea pig
Classification: non-sensitizing
Method: OECD

Further information : Remarks: No experimental information on genotoxicity in vitro available.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects

Toxicity to fish : LC50
Species: Oncorhynchus mykiss (rainbow trout)
Value: > 100 mg/l
Exposure time: 96 h
Method: OECD

Toxicity to aquatic plants : EC50
Species: Selenastrum capricornutum (green algae)
Value: > 100 mg/l
Exposure time: 72 h
Method: OECD Test Guideline 201

Acute toxicity to aquatic invertebrates : EC50
Species: Daphnia
Value: > 100 mg/l
Exposure time: 48 h

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Method: OECD

13. DISPOSAL CONSIDERATIONS

- Product : Dispose according to legal requirements.
- Packaging : Legal requirements are to be considered in regard of reuse or disposal of used packaging materials

14. TRANSPORT INFORMATION

ADR

Not dangerous goods

IATA

Not dangerous goods

IMDG

Not dangerous goods

RID

Not dangerous goods

Other information : Risk of serious damage to eyes.

15. REGULATORY INFORMATION

Labelling according to EC Directives 67/548/EEC

- Symbol(s) : Xi Irritant
- R-phrases) : R41 Risk of serious damage to eyes.
- S-phrases(s) : S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- S39 Wear eye/face protection.

National legislation

16. OTHER INFORMATION

Text of R-phrases referred to under heading 3

- Tetrakis(methylisobutylketo ximino)silane : R41 Risk of serious damage to eyes.
- n-Hexane : R11 Highly flammable.
- R62 Possible risk of impaired fertility.
- R65 Harmful: may cause lung damage if swallowed.
- R48/20 Harmful: danger of serious damage to

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	health by prolonged exposure through inhalation.
R38	Irritating to skin.
R67	Vapours may cause drowsiness and dizziness.
R51	Toxic to aquatic organisms.
R53	May cause long-term adverse effects in the aquatic environment.

Further information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text. Final determination of suitability of any material is the sole responsibility of the user.

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