

SAFETY DATA SHEET

According to Regulation (EC) No. 1907/2006 (REACH) Article 31, Annex II as amended.

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Product name: JETI UV Premium Flatbed Ink - Yellow
Product No.: 000001017116

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

Identified uses: Printing ink
Uses advised against: Reserved for industrial and professional use.

1.3 Details of the supplier of the safety data sheet

Manufacturer

Agfa Graphics NV
Septestraat 27
2640 Mortsel
Belgium

Telephone: +32 3 4442111
Fax: +32 3 4447094

E-mail: electronic.sds@agfa.com

National Supplier

Agfa-Gevaert Ltd.
Vantage West
Great West Road
Brentford, Middlesex TW8 9AX
United Kingdom

Telephone: +44 (0)20 8 231 4616
Fax: +44 (0)20 8 231 4951

E-mail: electronic.sds@agfa.com

1.4 Emergency telephone number:

Emergency telephone number (Belgium) : +32 3 4443333 (24h/24h)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

The product has been classified according to the legislation in force.

Classification according to Regulation (EC) No 1272/2008 as amended.

Health Hazards

Serious eye irritation	Category 2	H319: Causes serious eye irritation.
Skin sensitizer	Category 1	H317: May cause an allergic skin reaction.
Specific Target Organ Toxicity - Repeated Exposure	Category 1	H372: Causes damage to organs through prolonged or repeated exposure.

Environmental Hazards

Chronic hazards to the aquatic environment	Category 2	H411: Toxic to aquatic life with long lasting effects.
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2.2 Label Elements

Contains: Phenoxyethylacrylate
N-vinyl caprolactam



Signal Word: Danger

Hazard Statement(s): H317: May cause an allergic skin reaction.
H319: Causes serious eye irritation.
H372: Causes damage to organs through prolonged or repeated exposure.
H411: Toxic to aquatic life with long lasting effects.

Target Organs:
Liver

Precautionary Statements

Prevention: P260: Do not breathe dust/fume/gas/mist/vapors/spray.
P273: Avoid release to the environment.
P280: Wear protective gloves/protective clothing/eye protection/face protection.

Response: P333+P313: If skin irritation or rash occurs: Get medical advice/attention.
P337+P313: If eye irritation persists: Get medical advice/attention.
P363: Wash contaminated clothing before reuse.

2.3 Other hazards Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria Not fulfilling vPvB (very persistent/very bioaccumulative) criteria

SECTION 3: Composition/information on ingredients

3.2 Mixtures

General information: No data available.

Chemical name	Concentration	CAS-No.	EC No.	REACH Registration No.	M-Factor:	Notes
Phenoxyethylacrylate	25 - <50%	48145-04-6	256-360-6	01-2119980532-35-XXXX	No data available.	
N-vinyl caprolactam	10 - <25%	2235-00-9	218-787-6	01-2119977109-27-XXXX	No data available.	
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	1 - <5%	68511-62-6	270-944-8	No data available.	No data available.	#
Phosphine oxide,	1 - <2.5%	75980-60-8	278-355-8	01-2119972295-	No data available.	

diphenyl(2,4,6-trimethylbenzoyl)-				29-XXXX		
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* All concentrations are percent by weight unless ingredient is a gas. Gas concentrations are in percent by volume.

This substance has workplace exposure limit(s).

Classification

Chemical name	Classification	Notes
Phenoxyethylacrylate	Skin Sens.: 1A: H317 Aquatic Chronic: 2: H411	
N-vinyl caprolactam	Acute Tox.: 4: H302 Eye Irrit.: 2: H319 Skin Sens.: 1B: H317 STOT RE: 1: H372	
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	Not classified	
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	Repr.: 2: H361f Aquatic Chronic: 2: H411	No data available.

The full text for all H-statements is displayed in section 16.

CLP: Regulation No. 1272/2008.

SECTION 4: First aid measures

General: CAUTION! First aid personnel must be aware of own risk during rescue!

4.1 Description of first aid measures

Inhalation: Move to fresh air.

Skin Contact: Destroy or thoroughly clean contaminated shoes. Immediately remove contaminated clothing and shoes and wash skin with soap and plenty of water. If skin irritation or an allergic skin reaction develops, get medical attention.

Eye contact: Rinse immediately with plenty of water.

Ingestion: Rinse mouth thoroughly.

4.2 Most important symptoms and effects, both acute and delayed: See section 11 of the SDS for additional information on health hazards.

4.3 Indication of any immediate medical attention and special treatment needed

Hazards: See section 11 of the SDS for additional information on health hazards.

Treatment: Get medical attention if symptoms occur.

SECTION 5: Firefighting measures

General Fire Hazards: No unusual fire or explosion hazards noted.

5.1 Extinguishing media Suitable extinguishing media:

Extinguish with foam, carbon dioxide, dry powder or water fog.

Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

5.2 Special hazards arising from the substance or mixture: During fire, gases hazardous to health may be formed.

**5.3 Advice for firefighters
 Special fire fighting procedures:** No data available.

Special protective equipment for fire-fighters: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures: See Section 8 of the SDS for Personal Protective Equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep unauthorized personnel away.

6.2 Environmental Precautions: Avoid release to the environment. Prevent further leakage or spillage if safe to do so.

6.3 Methods and material for containment and cleaning up: Absorb with sand or other inert absorbent. Stop the flow of material, if this is without risk. Transfer to a container for disposal.

6.4 Reference to other sections: See Section 8 of the SDS for Personal Protective Equipment. For waste disposal, see section 13 of the SDS.

SECTION 7: Handling and storage:

7.1 Precautions for safe handling: Avoid contact with eyes, skin, and clothing. Wash hands thoroughly after handling.

7.2 Conditions for safe storage, including any incompatibilities: Store away from incompatible materials.

7.3 Specific end use(s): Reserved for industrial and professional use.

SECTION 8: Exposure controls/personal protection

8.1 Control Parameters

Occupational Exposure Limits

Chemical name	Type	Exposure Limit Values	Source
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes - as Ni	TWA	0.1 mg/m ³	UK. EH40 Workplace Exposure Limits (WELs) (12 2011)

DNEL-Values

Critical component	Type	Route of Exposure	Health Warnings	Remarks
Phenoxyethylacrylate	Workers	Dermal	Systemic, long-term; 1.5 mg/kg	Repeated dose toxicity

	Workers	Inhalation	Local, long-term; 77 mg/m ³	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 10 mg/m ³	Repeated dose toxicity
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	Workers	Dermal	Systemic, long-term; 1 mg/kg	Repeated dose toxicity
	Workers	Inhalation	Systemic, long-term; 3.5 mg/m ³	Repeated dose toxicity

PNEC-Values

Critical component	Environmental compartment	PNEC-Values
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	soil	0.0557 mg/kg
	Fresh water	0.00353 mg/l
	Marine sediments	0.029 mg/kg
	Marine water	0.00353 mg/l
	Aquatic (intermit. releases)	0.0353 mg/l
	Intermittent release	0.0353 mg/l
	Aquatic (marine water)	0.000353 mg/l
	Sediment-fresh water	0.29 mg/kg
	freshwater sediment	0.29 mg/kg
	Soil	0.0557 mg/kg
	Aquatic (freshwater)	0.00353 mg/l

8.2 Exposure controls

Appropriate Engineering Controls: Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

General information: Use personal protective equipment as required. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment. Follow training instructions when handling this material.

Eye/face protection: Safety goggles. EN 166.

Skin protection

Hand Protection: Protective gloves should be used if there is a risk of direct contact or splash. (EN374) Chemical resistant gloves required for prolonged or repeated contact. Butyl rubber. Glove thickness: > 0.70 mm Break-through time: > 480 min Risk of splashes: Nitrile rubber. Nitrile gloves are recommended, but be aware that the liquid may penetrate the gloves. Frequent change is advisable. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

Other: Safety clothes : long sleeved clothing EN13688

Respiratory Protection: In case of inadequate ventilation use suitable respirator (EN14387). Seek advice from local supervisor.

Hygiene measures: Contaminated work clothing should not be allowed out of the workplace. Avoid contact with skin. Observe good industrial hygiene practices.

Environmental Controls: Do not empty into drains.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance

Physical state: liquid

Form:	liquid
Color:	Yellow
Odor:	Sweetish
Odor Threshold:	No data available.
pH:	No data available.
Freezing point:	No data available.
Boiling Point:	132 °C
Flash Point:	100 °C
Evaporation Rate:	No data available.
Flammability (solid, gas):	No data available.
Flammability Limit - Upper (%):	No data available.
Flammability Limit - Lower (%):	No data available.
Vapor pressure:	No data available.
Vapor density (air=1):	No data available.
Density:	No data available.
Relative density:	1.064
Solubility(ies)	
Solubility in Water:	No data available.
Solubility (other):	No data available.
Partition coefficient (n-octanol/water):	No data available.
Autoignition Temperature:	No data available.
Decomposition Temperature:	No data available.
SADT:	No data available.
Viscosity:	No data available.
Explosive properties:	No data available.
Oxidizing properties:	No data available.

9.2 Other information

VOC Content:	EC Directive 1999/13: 0 g/l ~0 % (calculated) EC Directive 2004/42: 695 g/l ~69.5 % (calculated)
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SECTION 10: Stability and reactivity

10.1 Reactivity:	Material is stable under normal conditions.
10.2 Chemical Stability:	Material is stable under normal conditions.
10.3 Possibility of hazardous reactions:	Not known.
10.4 Conditions to avoid:	Avoid heat or contamination.
10.5 Incompatible Materials:	None known.
10.6 Hazardous Decomposition Products:	By heating and fire, harmful vapors/gases may be formed.

SECTION 11: Toxicological information

Information on likely routes of exposure

Inhalation:	Inhalation is the primary route of exposure. In high concentrations, vapors, fumes or mists may irritate nose, throat and mucus membranes.
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Skin Contact:	May cause an allergic skin reaction.
Eye contact:	Eye contact is possible and should be avoided. Causes serious eye irritation.
Ingestion:	May be ingested by accident. Ingestion may cause irritation and malaise.

11.1 Information on toxicological effects

Acute toxicity

Oral

Product:	ATEmix: 4,535.26 mg/kg
Specified substance(s) Phenoxyethylacrylate	LD 50 (Rat): 5,000 mg/kg Experimental result, Key study
N-vinyl caprolactam	LD 50 (Rat): 1,400 mg/kg Experimental result, Supporting study
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	No data available.
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	LD 50 (Rat): > 5,000 mg/kg Experimental result, Key study

Dermal

Product:	Not classified for acute toxicity based on available data.
Specified substance(s) Phenoxyethylacrylate N-vinyl caprolactam	No data available. LD 50 (Rat) : > 2,000 mg/kg
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	No data available.
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	LD 50 (Rat) : > 2,000 mg/kg

Inhalation

Product:	Not classified for acute toxicity based on available data.
Specified substance(s) Phenoxyethylacrylate N-vinyl caprolactam	No data available. LC 50 (Rat, 8 h): > 1.6 mg/l Vapor, Experimental result, Key study
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	No data available.
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	No data available.

Repeated dose toxicity

Product:	No data available.
Specified substance(s) Phenoxyethylacrylate N-vinyl caprolactam Nickel, 5,5'-azobis-	NOAEL (Rat(Female, Male), Oral, 2 Weeks): 500 mg/kg NOAEL (Rat(Female, Male), Inhalation): 0.058 mg/l No data available.

2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes
 Phosphine oxide,
 diphenyl(2,4,6-
 trimethylbenzoyl)-

LOAEL (Rat(Female, Male), Oral, 28 d): 250 mg/kg

LOAEL (Rat(Female, Male), Oral, 64 - 91 d): 300 mg/kg
 NOAEL (Rat(Female, Male), Oral, 64 - 91 d): 100 mg/kg
 NOAEL (Rat(Female, Male), Oral, 28 d): 50 mg/kg

Skin Corrosion/Irritation:

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.
 Nickel, 5,5'-azobis- No data available.
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes
 Phosphine oxide, No data available.
 diphenyl(2,4,6-
 trimethylbenzoyl)-

Serious Eye Damage/Eye Irritation:

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.
 Nickel, 5,5'-azobis- No data available.
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes
 Phosphine oxide, No data available.
 diphenyl(2,4,6-
 trimethylbenzoyl)-

Respiratory or Skin Sensitization:

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.
 Nickel, 5,5'-azobis- No data available.
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes
 Phosphine oxide, No data available.
 diphenyl(2,4,6-
 trimethylbenzoyl)-

Germ Cell Mutagenicity

In vitro

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.

Nickel, 5,5'-azobis-
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes
 Phosphine oxide,
 diphenyl(2,4,6-
 trimethylbenzoyl)-

No data available.

No data available.

In vivo

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate
 N-vinyl caprolactam
 Nickel, 5,5'-azobis-
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes
 Phosphine oxide,
 diphenyl(2,4,6-
 trimethylbenzoyl)-

No data available.

No data available.

No data available.

No data available.

Carcinogenicity

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate
 N-vinyl caprolactam
 Nickel, 5,5'-azobis-
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes
 Phosphine oxide,
 diphenyl(2,4,6-
 trimethylbenzoyl)-

No data available.

No data available.

No data available.

No data available.

Reproductive toxicity

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate
 N-vinyl caprolactam
 Nickel, 5,5'-azobis-
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes
 Phosphine oxide,
 diphenyl(2,4,6-
 trimethylbenzoyl)-

No data available.

No data available.

No data available.

No data available.

Specific Target Organ Toxicity - Single Exposure

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate
 N-vinyl caprolactam
 Nickel, 5,5'-azobis-
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes

No data available.

No data available.

No data available.

Phosphine oxide,
 diphenyl(2,4,6-
 trimethylbenzoyl)- No data available.

Specific Target Organ Toxicity - Repeated Exposure

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.
 Nickel, 5,5'-azobis-
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes No data available.
 Phosphine oxide,
 diphenyl(2,4,6-
 trimethylbenzoyl)- No data available.

Target Organs:
 Liver

Aspiration Hazard

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.
 Nickel, 5,5'-azobis-
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes No data available.
 Phosphine oxide,
 diphenyl(2,4,6-
 trimethylbenzoyl)- No data available.

SECTION 12: Ecological information

General information: Contains a substance which causes risk of hazardous effects to the environment.

12.1 Toxicity

Acute toxicity

Fish

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.
 Nickel, 5,5'-azobis-
 2,4,6(1H,3H,5H)-
 pyrimidinetrione
 complexes No data available.
 Phosphine oxide,
 diphenyl(2,4,6-
 trimethylbenzoyl)- No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.
 Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes No data available.
 Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)- No data available.

Chronic Toxicity

Fish

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.
 Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes No data available.
 Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)- No data available.

Aquatic Invertebrates

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.
 Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes No data available.
 Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)- No data available.

Toxicity to Aquatic Plants

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate No data available.
 N-vinyl caprolactam No data available.
 Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes No data available.
 Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)- No data available.

12.2 Persistence and Degradability

Biodegradation

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate	No data available.
N-vinyl caprolactam	No data available.
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	No data available.
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	No data available.

BOD/COD Ratio

Product No data available.

Specified substance(s)

Phenoxyethylacrylate	No data available.
N-vinyl caprolactam	No data available.
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	No data available.
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	No data available.

12.3 Bioaccumulative potential

Product: No data available.

Specified substance(s)

Phenoxyethylacrylate	No data available.
N-vinyl caprolactam	No data available.
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	No data available.
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	No data available.

12.4 Mobility in soil:

No data available.

Known or predicted distribution to environmental compartments

Phenoxyethylacrylate	No data available.
N-vinyl caprolactam	No data available.
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	No data available.
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	No data available.

12.5 Results of PBT and vPvB assessment:

Not fulfilling PBT (persistent/bioaccumulative/toxic) criteria Not fulfilling vPvB (very persistent/very bioaccumulative) criteria

Phenoxyethylacrylate	No data available.
N-vinyl caprolactam	No data available.
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	No data available.

Phosphine oxide,
 diphenyl(2,4,6-
 trimethylbenzoyl)-

No data available.

12.6 Other adverse effects: Toxic to aquatic life with long lasting effects.

12.7 Additional Information: No data available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

General information: Disposal considerations (including disposal of contaminated containers or packaging) Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Disposal methods: Discharge, treatment, or disposal may be subject to national, state, or local laws.

Since emptied containers retain product residue, follow label warnings even after container is emptied.

SECTION 14: Transport information

ADR

14.1 UN Number: UN 3082
 14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Acrylate)
 14.3 Transport Hazard Class(es)
 Class: 9
 Label(s): 9
 Hazard No. (ADR): 90
 Tunnel restriction code: (E)
 14.4 Packing Group: III
 Limited quantity 5.00L
 Excepted quantity E1
 14.5 Environmental Hazards: Yes
 14.6 Special precautions for user: SPECIAL PROVISION 375

RID

14.1 UN Number: UN 3082
 14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Acrylate)
 14.3 Transport Hazard Class(es)
 Class: 9
 Label(s): 9
 14.4 Packing Group: III
 14.5 Environmental Hazards: Yes
 14.6 Special precautions for user: -

IMDG

14.1 UN Number: UN 3082
 14.2 UN Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.(Acrylate)
 14.3 Transport Hazard Class(es)

Class: 9
 Label(s): 9
 EmS No.: F-A, S-F
 14.4 Packing Group: III
 Limited quantity 5.00L
 Excepted quantity E1
 14.5 Environmental Hazards: Environmentally Hazardous
 14.6 Special precautions for user: CODE 2.10.2.7

IATA

14.1 UN Number: UN 3082
 14.2 Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s.(Acrylate)
 14.3 Transport Hazard Class(es):
 Class: 9
 Label(s): 9MI
 14.4 Packing Group: III
 Limited quantity 30.00KG
 Excepted quantity E1
 14.5 Environmental Hazards: Yes
 14.6 Special precautions for user: SPECIAL PROVISION A197

Other information

Passenger and cargo aircraft: Allowed.

Cargo aircraft only: Allowed.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: not applicable.

SECTION 15: Regulatory information

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

EU Regulations

Regulation (EC) No. 2037/2000 Substances that deplete the ozone layer: none

Regulation (EC) No. 850/2004 on persistent organic pollutants: none

Regulation (EC) No. 689/2008 Import and export of dangerous chemicals: none

Regulation (EC) No. 1907/2006, REACH Annex XIV Substances subject to authorisation, as amended: none

Regulation (EC) No. 1907/2006 Annex XVII Substances subject to restriction on marketing and use:

Chemical name	CAS-No.	Concentration
Nickel, 5,5'-azobis-2,4,6-(1H,3H,5H)-pyrimidinetrione complexes	68511-62-6	1.0 - 10%

Directive 2004/37/EC on the protection of workers from the risks related to exposure to carcinogens and mutagens at work.: none

Directive 92/85/EEC: on the safety and health of pregnant workers and workers who have recently given birth or are breast feeding.: none

Directive 96/82/EC (Seveso III): on the control of major accident hazards involving dangerous substances: none

EU. Regulation No. 166/2006 PRTR (Pollutant Release and Transfer Registry), Annex II: Pollutants:

Chemical name	CAS-No.	Concentration
Nickel, 5,5'-azobis-2,4,6(1H,3H,5H)-pyrimidinetrione complexes	68511-62-6	1.0 - 10%

Directive 98/24/EC on the protection of workers from the risks related to chemical agents at work:

Chemical name	CAS-No.	Concentration
Phosphine oxide, diphenyl(2,4,6-trimethylbenzoyl)-	75980-60-8	1.0 - 10%

15.2 Chemical safety assessment:

No Chemical Safety Assessment has been carried out.

SECTION 16: Other information

Revision Information: Not relevant.

References

PBT PBT: persistent, bioaccumulative and toxic substance.
 vPvB vPvB: very persistent and very bioaccumulative substance.

Key literature references and sources for data:

Safety Data Sheet from the supplier.
 ECHA

Wording of the H-statements in section 2 and 3

H302 Harmful if swallowed.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H361f Suspected of damaging fertility.
 H372 Causes damage to organs through prolonged or repeated exposure.
 H411 Toxic to aquatic life with long lasting effects.

Training information: No data available.

Classification according to Regulation (EC) No 1272/2008 as amended.

Eye Irrit. 2, H319
 Skin Sens. 1, H317
 STOT RE 1, H372
 Aquatic Chronic 2, H411

Issue Date: 23.05.2017

SDS No.:

Disclaimer: This information is provided without warranty. The information is believed to be correct. This information should be used to make an independent determination of the methods to safeguard workers and the environment.