

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## ROTOSTAR UV FP 64-40602 Silver

Version 5.0      Revision Date: 11.11.2018      SDS Number: 102000000351      Print Date: 20.11.2018  
Date of first issue: 01.04.2014

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

#### 1.1 Product identifier

Trade name : ROTOSTAR UV FP 64-40602 Silver  
Product code : 072484U20

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

This information is not available.

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

Company : ECKART GmbH  
Guentersthal 4  
91235 Hartenstein  
  
Telephone : +499152770  
  
Telefax : +499152777008  
  
E-mail address of person responsible for the SDS : msds.eckart@altana.com

#### 1.4 Emergency telephone number

GBK Gefahrgut Büro GmbH, Ingelheim, Germany:  
From outside US : (001) 352-323-3500  
(First call in English, response in your language is possible)  
US & Canada (toll free) : 1-800-5355-053

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### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification (REGULATION (EC) No 1272/2008)

Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Reproductive toxicity, Category 2	H361d: Suspected of damaging the unborn child.
Long-term (chronic) aquatic hazard, Category 2	H411: Toxic to aquatic life with long lasting effects.

#### 2.2 Label elements

##### Labelling (REGULATION (EC) No 1272/2008)

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Hazard pictograms :



Signal word : Warning

Hazard statements : H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H361d Suspected of damaging the unborn child.  
H411 Toxic to aquatic life with long lasting effects.

Precautionary statements : **Prevention:**  
P201 Obtain special instructions before use.  
P261 Avoid breathing dust/ fume/ gas/ mist/ vapours/ spray.  
P273 Avoid release to the environment.  
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
**Response:**  
P308 + P313 IF exposed or concerned: Get medical advice/ attention.  
P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.

Hazardous components which must be listed on the label:

2-phenoxyethyl acrylate  
4,4'-Isopropylidenediphenol, ethoxylated, esters with acrylic acid and isononanoic acid  
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate  
phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide  
Glycerol, propoxylated, esters with acrylic acid

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Hazardous components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification REGULATION (EC) No 1272/2008	Concentration (% w/w)
Bisphenol A ethoxylate diacrylate	64401-02-1 01-2119969511-34	Eye Irrit. 2; H319	>= 25 - < 50
2-phenoxyethyl acrylate	48145-04-6 256-360-6 01-2119980532-35	Aquatic Chronic 2; H411 Skin Sens. 1A; H317	>= 20 - < 25

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4,4'-Isopropylidenediphenol, ethoxylated, esters with acrylic acid and isononanoic acid	Not Assigned 919-846-5 01-2120087346-49	Skin Sens. 1B; H317 Aquatic Chronic 2; H411	>= 10 - < 20
aluminium powder (stabilised)	7429-90-5 231-072-3 013-002-00-1 01-2119529243-45	Flam. Sol. 1; H228	>= 1 - < 10
acrylate	Not Assigned	Eye Irrit. 2; H319	>= 1 - < 10
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	6846-50-0 229-934-9 01-2119451093-47	Repr. 2; H361d Aquatic Chronic 3; H412	>= 3 - < 10
phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	162881-26-7 423-340-5 015-189-00-5 01-2119489401-38	Skin Sens. 1; H317 Aquatic Chronic 4; H413	>= 2,5 - < 10
Glycerol, propoxylated, esters with acrylic acid	52408-84-1 500-114-5 01-2119487948-12	Eye Irrit. 2; H319 Skin Sens. 1; H317	>= 1 - < 10

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

- General advice : Move the victim to fresh air.  
Do not leave the victim unattended.
- Move out of dangerous area.  
Show this safety data sheet to the doctor in attendance.
- If inhaled : If unconscious, place in recovery position and seek medical advice.  
If symptoms persist, call a physician.
- In case of skin contact : Wash off immediately with soap and plenty of water.
- If on skin, rinse well with water.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
- Immediately flush eye(s) with plenty of water.  
Remove contact lenses.  
Keep eye wide open while rinsing.  
If eye irritation persists, consult a specialist.
- If swallowed : Keep respiratory tract clear.  
Do not give milk or alcoholic beverages.  
Never give anything by mouth to an unconscious person.  
If symptoms persist, call a physician.

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Take victim immediately to hospital.

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

Risks : May cause an allergic skin reaction.  
Causes serious eye irritation.  
Suspected of damaging the unborn child.

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

This information is not available.

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## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Dry sand  
ABC powder  
Foam

Unsuitable extinguishing media : High volume water jet

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

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.  
Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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## SECTION 6: Accidental release measures

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

Personal precautions : Evacuate personnel to safe areas.  
Use personal protective equipment.

### 6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.  
Prevent further leakage or spillage if safe to do so.  
If the product contaminates rivers and lakes or drains inform respective authorities.

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

Methods for cleaning up : Use mechanical handling equipment.  
Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).  
Do not flush with water.  
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For personal protection see section 8.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust.  
Avoid exposure - obtain special instructions before use.  
Avoid contact with skin and eyes.  
For personal protection see section 8.  
Smoking, eating and drinking should be prohibited in the application area.  
Dispose of rinse water in accordance with local and national regulations.  
Persons susceptible to skin sensitisation problems or asthma, allergies, chronic or recurrent respiratory disease should not be employed in any process in which this mixture is being used.

Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : When using do not eat or drink. When using do not smoke.  
Wash hands before breaks and at the end of workday.

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

Requirements for storage areas and containers : Earthing of containers and apparatuses is essential. Reaction with water liberates extremely flammable gas (hydrogen) Take measures to prevent the build up of electrostatic charge. Use explosion-proof equipment. Store in original container. Keep containers tightly closed in a cool, well-ventilated place. Keep away from sources of ignition - No smoking. Keep container closed when not in use.

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

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Further information on storage conditions : Protect from humidity and water.

Advice on common storage : Do not store near acids.  
Do not store together with oxidizing and self-igniting products.  
Never allow product to get in contact with water during storage.  
Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions.

Further information on storage stability : No decomposition if stored and applied as directed.

### 7.3 Specific end use(s)

This information is not available.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

#### Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Basis
aluminium powder (stabilised)	7429-90-5	NGV (Total)	5 mg/m <sup>3</sup>	SE AFS
Further information	Inhalable dust refers to the dust fraction as defined in the Swedish Standard SS-EN 481, Workplace Atmospheres - Size fraction definitions for measurement of airborne particles, 1st ED., 1993., Section 2.3 and having sampling characteristics as specified in paragraph 5.1. Respirable dust refers to the dust fraction as defined in the Swedish Standard SS-EN 481, Workplace Atmospheres - Size fraction definitions for measurement of airborne particles, 1st ED., 1993., Section 2.11 and having sampling characteristics as specified in paragraph 5.3. Total dust refers to all the particles (aerosols) trapped in a filter in the sampling apparatus described in Methods, Sampling of total dust and respirable dust, method nr 1010, published by the National Board of Occupational Safety and Health, now Work Environment Authority. The filter diameter shall normally be 37 mm but can also be 25 mm. Despite its name, not the total amount of airborne particles is measured by this method.			
		NGV (Respirable)	2 mg/m <sup>3</sup>	SE AFS
Further information	Inhalable dust refers to the dust fraction as defined in the Swedish Standard SS-EN 481, Workplace Atmospheres - Size fraction definitions for measurement of airborne particles, 1st ED., 1993., Section 2.3 and having sampling characteristics as specified in paragraph 5.1. Respirable dust refers to the dust fraction as defined in the Swedish Standard SS-EN 481, Workplace Atmospheres - Size fraction definitions for measurement of airborne particles, 1st ED., 1993., Section 2.11 and having sampling characteristics as specified in paragraph 5.3. Total dust refers to all the particles (aerosols) trapped in a filter in the sampling apparatus described in Methods, Sampling of total dust and respirable dust, method nr 1010,			

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published by the National Board of Occupational Safety and Health, now Work Environment Authority. The filter diameter shall normally be 37 mm but can also be 25 mm. Despite its name, not the total amount of airborne particles is measured by this method.

### Derived No Effect Level (DNEL) according to Regulation (EC) No. 1907/2006:

Substance name	End Use	Exposure routes	Potential health effects	Value
Bisphenol A ethoxylate diacrylate	Workers	Inhalation	long term – systemic effects	3,52 mg/m <sup>3</sup>
	Workers	Skin contact	long term – systemic effects	2 mg/kg
	Consumers	Inhalation	long term – systemic effects	0,87 mg/m <sup>3</sup>
	Consumers	Skin contact	long term – systemic effects	1 mg/kg
	Consumers	Ingestion	long term – systemic effects	0,5 mg/kg
aluminium powder (stabilised)	Workers	Inhalation	long term – local effects	3,72 mg/m <sup>3</sup>
	Consumers	Oral	long term – systemic effects	3,95 mg/kg
	Workers	Inhalation	Long-term systemic effects	3,72 mg/m <sup>3</sup>
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	Workers	Skin contact	long term – systemic effects	31,20 mg/kg
	Workers	Inhalation	long term – systemic effects	110 mg/m <sup>3</sup>
	Consumers	Ingestion	long term – systemic effects	18,8 mg/kg
	Consumers	Skin contact	long term – systemic effects	18,8 mg/kg
	Consumers	Inhalation	long term – systemic effects	32,60 mg/m <sup>3</sup>
phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	Workers	Skin contact	short term – systemic effects acute	3,0 mg/kg
	Workers	Inhalation	short term – systemic effects acute	21 mg/m <sup>3</sup>
	Workers	Skin contact	long term – systemic effects	3,0 mg/kg
	Workers	Inhalation	long term – systemic effects	21 mg/m <sup>3</sup>
	Consumers	Inhalation	Long-term systemic effects	5,2 mg/m <sup>3</sup>
	Consumers	Skin contact	Long-term systemic effects	1,5 mg/kg
	Consumers	Ingestion	Long-term systemic effects	1,5 mg/kg
hydroxycyclohexyl phenyl ketone	Workers	Skin contact	short term – systemic effects	2,5 mg/kg

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	Workers	Inhalation	short term – systemic effects	7 mg/m <sup>3</sup>
	Workers	Skin contact	long term – systemic effects	2,5 mg/kg
	Workers	Inhalation	long term – systemic effects	7 mg/m <sup>3</sup>
	Consumers	Ingestion	short term – systemic effects	1,25 mg/kg
	Consumers	Skin contact	short term – systemic effects	1,25 mg/kg
	Consumers	Inhalation	short term – systemic effects	1,7 mg/m <sup>3</sup>
	Consumers	Ingestion	long term – systemic effects	1,25 mg/kg
	Consumers	Skin contact	long term – systemic effects	1,25 mg/kg
	Consumers	Inhalation	long term – systemic effects	1,7 mg/m <sup>3</sup>
Glycerol, propoxylated, esters with acrylic acid	Workers	Skin contact	long term – systemic effects	1,92 mg/kg
	Workers	Inhalation	long term – systemic effects	16,22 mg/m <sup>3</sup>
	Consumers	Ingestion	long term – systemic effects	1,39 mg/kg
	Consumers	Skin contact	long term – systemic effects	1,15 mg/kg
	Consumers	Inhalation	long term – systemic effects	4,87 mg/m <sup>3</sup>

### Predicted No Effect Concentration (PNEC) according to Regulation (EC) No. 1907/2006:

Substance name	Environmental Compartment	Value
Bisphenol A ethoxylate diacrylate	Fresh water	0,006 mg/l
	Soil	0,1208 mg/kg
	Marine sediment	0,06216 mg/kg
	Fresh water sediment	0,6216 mg/kg
	STP	1,43 mg/l
	Marine water	0,0006 mg/l
aluminium powder (stabilised)	Fresh water	0,0749 mg/l
	clarification plant	20 mg/l
1-isopropyl-2,2-dimethyltrimethylene diisobutyrate	Fresh water	0,014 mg/l
	Marine water	0,0014 mg/l
	Fresh water sediment	5,29 mg/kg
	Soil	1,05 mg/kg
	STP	3 mg/l
	Marine sediment	0,529 mg/kg
phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide	Fresh water	1 µg/l
	Marine water	1 µg/l



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	STP	1 mg/l
	Fresh water sediment	0,712 mg/kg
	Marine sediment	0,712 mg/kg
	Soil	20 mg/kg
hydroxycyclohexyl phenyl ketone	Fresh water	0,0144 mg/l
Glycerol, propoxylated, esters with acrylic acid	Soil	0,00111 mg/kg
	Fresh water	0,00574 mg/l
	Fresh water sediment	0,01697 mg/kg
	Marine water	0,000574 mg/l
	Marine sediment	0,001697 mg/kg
	STP	10 mg/l

### 8.2 Exposure controls

#### Personal protective equipment

Eye protection : Goggles

Wear face-shield and protective suit for abnormal processing problems.

Hand protection

Material : Solvent-resistant gloves (butyl-rubber)

Remarks

: Take note of the information given by the producer concerning permeability and break through times, and of special workplace conditions (mechanical strain, duration of contact). The exact break through time can be obtained from the protective glove producer and this has to be observed. Please observe the instructions regarding permeability and breakthrough time which are provided by the supplier of the gloves. Also take into consideration the specific local conditions under which the product is used, such as the danger of cuts, abrasion, and the contact time. Recommended preventive skin protection Skin should be washed after contact. The suitability for a specific workplace should be discussed with the producers of the protective gloves.

Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.

Respiratory protection : Use suitable breathing protection if workplace concentration requires.

#### Environmental exposure controls

Water : The product should not be allowed to enter drains, water courses or the soil.

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### SECTION 9: Physical and chemical properties

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

Appearance	: liquid
Colour	: silver
Odour	: characteristic
Odour Threshold	: No data available
pH	: No data available
Freezing point	: No data available
Boiling point/boiling range	: > 100 °C
Flash point	: > 100 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Self-ignition	: No data available
Auto-ignition temperature	: No data available
Smoldering temperature	: No data available
Decomposition temperature	: No data available
Explosive properties	: No data available
Oxidizing properties	: No data available
Upper explosion limit / Upper flammability limit	: No data available
Lower explosion limit / Lower flammability limit	: No data available
Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: No data available
Bulk density	: No data available
Water solubility	: No data available

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Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Decomposition temperature	: No data available
Viscosity, dynamic	: No data available
Viscosity, kinematic	: No data available
Flow time	: No data available

### 9.2 Other information

No data available

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## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions	: Contact with acids and alkalis may release hydrogen.
	Stable under recommended storage conditions.

### 10.4 Conditions to avoid

Conditions to avoid	: Do not allow evaporation to dryness.
	No data available

### 10.5 Incompatible materials

Materials to avoid	: Acids Bases Oxidizing agents
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### 10.6 Hazardous decomposition products

Contact with water or humid air	: This information is not available.
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Thermal decomposition	: This information is not available.
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### SECTION 11: Toxicological information

#### 11.1 Information on toxicological effects

##### Acute toxicity

Not classified based on available information.

##### Components:

##### **aluminium powder (stabilised):**

Acute inhalation toxicity : LC50 (Rat): > 5 mg/l  
Exposure time: 4 h  
Test atmosphere: dust/mist

##### **1-isopropyl-2,2-dimethyltrimethylene diisobutyrate:**

Acute dermal toxicity : LD50 Dermal (Rabbit): > 2.000 mg/kg  
Method: OECD Test Guideline 402

##### **phenyl bis(2,4,6-trimethylbenzoyl)-phosphine oxide:**

Acute oral toxicity : LD50 (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 401

Acute dermal toxicity : LD50 (Rat): > 2.000 mg/kg  
Method: OECD Test Guideline 402

##### **Skin corrosion/irritation**

Not classified based on available information.

##### Product:

Remarks: May cause skin irritation and/or dermatitis.

##### Components:

:

Species: Rabbit  
Exposure time: 4 h  
Method: OECD Test Guideline 404  
Result: No skin irritation

:

Remarks: May cause skin irritation and/or dermatitis.

##### **Serious eye damage/eye irritation**

Causes serious eye irritation.

##### Product:

Remarks: Eye irritation

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### **Components:**

#### **1-isopropyl-2,2-dimethyltrimethylene diisobutyrate:**

Species: Rabbit  
Exposure time: 72 h  
Method: OECD Test Guideline 405  
Result: No eye irritation

#### **Glycerol, propoxylated, esters with acrylic acid:**

Remarks: Eye irritation

#### **Respiratory or skin sensitisation**

##### **Skin sensitisation**

May cause an allergic skin reaction.

##### **Respiratory sensitisation**

Not classified based on available information.

### **Product:**

Remarks: Causes sensitisation.  
May cause sensitisation of susceptible persons by skin contact.

### **Components:**

#### **Glycerol, propoxylated, esters with acrylic acid:**

Remarks: Causes sensitisation.  
May cause sensitisation of susceptible persons by skin contact.

#### **Germ cell mutagenicity**

Not classified based on available information.

#### **Carcinogenicity**

Not classified based on available information.

#### **Reproductive toxicity**

Suspected of damaging the unborn child.

#### **STOT - single exposure**

Not classified based on available information.

#### **STOT - repeated exposure**

Not classified based on available information.

#### **Aspiration toxicity**

Not classified based on available information.

#### **Further information**

### **Product:**

Remarks: No data available

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### Components:

#### **2-phenoxyethyl acrylate:**

Remarks: No data available

#### **Glycerol, propoxylated, esters with acrylic acid:**

Remarks: No data available

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## SECTION 12: Ecological information

### 12.1 Toxicity

#### Components:

#### **1-isopropyl-2,2-dimethyltrimethylene diisobutyrate:**

Toxicity to daphnia and other aquatic invertebrates : (Daphnia (water flea)): 2,46 mg/l

#### **Ecotoxicology Assessment**

Long-term (chronic) aquatic hazard : Harmful to aquatic life with long lasting effects.

### 12.2 Persistence and degradability

No data available

### 12.3 Bioaccumulative potential

No data available

### 12.4 Mobility in soil

No data available

### 12.5 Results of PBT and vPvB assessment

#### Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

### 12.6 Other adverse effects

#### Product:

Additional ecological information : An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.  
Toxic to aquatic life with long lasting effects.

### Components:

#### **2-phenoxyethyl acrylate:**

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Additional ecological information : No data available

**Glycerol, propoxylated, esters with acrylic acid:**

Additional ecological information : No data available

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### SECTION 13: Disposal considerations

European Waste Catalogue : 08 03 12 - waste ink containing dangerous substances

#### 13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.  
Do not contaminate ponds, waterways or ditches with chemical or used container.  
Send to a licensed waste management company.  
In accordance with local and national regulations.

Contaminated packaging : Empty remaining contents.  
Dispose of as unused product.  
Do not re-use empty containers.  
In accordance with local and national regulations.

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### SECTION 14: Transport information

#### 14.1 UN number

ADR : UN 3082  
IMDG : UN 3082  
IATA : UN 3082

#### 14.2 UN proper shipping name

ADR : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(2-phenoxyethyl acrylate)  
IMDG : ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S.  
(2-phenoxyethyl acrylate)  
IATA : Environmentally hazardous substance, liquid, n.o.s.  
(2-phenoxyethyl acrylate)

#### 14.3 Transport hazard class(es)

ADR : 9

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**IMDG** : 9

**IATA** : 9

### 14.4 Packing group

#### ADR

Packing group : III  
Classification Code : M6  
Hazard Identification Number : 90  
Labels : 9

#### IMDG

Packing group : III  
Labels : 9  
EmS Code : F-A, S-F

#### IATA (Cargo)

Packing instruction (cargo aircraft) : 964  
Packing instruction (LQ) : Y964  
Packing group : III  
Labels : Miscellaneous Dangerous Goods

#### IATA (Passenger)

Packing instruction (passenger aircraft) : 964  
Packing instruction (LQ) : Y964  
Packing group : III  
Labels : Miscellaneous Dangerous Goods

### 14.5 Environmental hazards

#### ADR

Environmentally hazardous : yes

#### IMDG

Marine pollutant : yes

#### IATA (Passenger)

Environmentally hazardous : yes

#### IATA (Cargo)

Environmentally hazardous : yes

### 14.6 Special precautions for user

Remarks : For single packagings <=5L / 5 kg, or combination packagings containing inner packagings <= 5L / 5 kg net per inner packaging, SV375 ADR, 2.10.2.7 IMDG-Code, A197 IATA-DGR may be applied.

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

Not applicable for product as supplied.



# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006



## ROTOSTAR UV FP 64-40602 Silver

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### SECTION 15: Regulatory information

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

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59) : Not applicable

#### 15.2 Chemical safety assessment

### SECTION 16: Other information

#### Full text of H-Statements

H228	: Flammable solid.
H317	: May cause an allergic skin reaction.
H319	: Causes serious eye irritation.
H361d	: Suspected of damaging the unborn child.
H411	: Toxic to aquatic life with long lasting effects.
H412	: Harmful to aquatic life with long lasting effects.
H413	: May cause long lasting harmful effects to aquatic life.

#### Full text of other abbreviations

Aquatic Chronic	: Long-term (chronic) aquatic hazard
Eye Irrit.	: Eye irritation
Flam. Sol.	: Flammable solids
Repr.	: Reproductive toxicity
Skin Sens.	: Skin sensitisation
SE AFS	: Sweden. Occupational Exposure Limit Values
SE AFS / NGV	: Time Weighted Average

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s. - Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect

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Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

### 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.

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