Globally Harmonized System of Classification and Labelling of Chemicals (GHS)

ROTOVARIO UV FPG 950 204 Silver

Version 5.0	Revision Date 11.07.2023	Print Date 13.07.2023

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

1.1 Product identifier

Trade name	:	ROTOVARIO UV FPG 950 204 Silver
Material number	:	022190N20

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	: msds.eckart@altana.com
Responsible/issuing person	

1.4 Emergency telephone number

NCEC: (contract no.: ECKART29003-NCEC) +44 1235 239671 (Middle East/Africa, call and response in your language) +1 215 207 0061 (Americas, call and response in your language) +65 3158 1074 (Asia-Pacific, call and response in your language)

SECTION 2: Hazards identification

GHS Classification

: Skin corrosion/irritation, Category 3, H316 Serious eye damage/eye irritation, Category 2A, H319 Skin sensitisation, Category 1, H317

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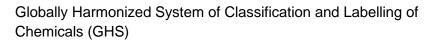
ROTOVARIO UV FPG 950 204 Silver

rsion 5.0	Revision D	ate 11.07.2023	Print Date 13.07.20
GHS-Labelling			
Symbol(s)			
Signal word	: Warning		
Hazard statements	H317: May c	es mild skin irritation. ause an allergic skin rea es serious eye irritation.	ction.
Precautionary statements	P264 Was P272 Con of the workp P280 Wea Response: P302 + P352 P305 + P352 water for sev and easy to P333 + P312 help. P337 + P312 Disposal:	d breathing dust. h skin thoroughly after ha taminated work clothing s lace. If protective gloves/ eye p 2 IF ON SKIN: Wash w 1 + P338 IF IN EYES: veral minutes. Remove co do. Continue rinsing. 7 If skin irritation or ras 8 If eye irritation persis	should not be allowed out protection/ face protection. with plenty of water. Rinse cautiously with pontact lenses, if present h occurs: Get medical ts: Get medical help.
Hazardous components w Identification		CAS-No.	
Propylidynetrimethanol, etho with acrylic acid		28961-43-5	

 Glycerol, propoxylated, esters with acrylic
 52408-84-1

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acid

Other hazards which do not result in classification

Combustible Solids

SECTION 3: Composition/information on ingredients

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Substance No.

Hazardous components

Chemical name	CAS-No. EINECS-No.	Classification and labelling	Concentration[%]
aluminium	7429-90-5 231-072-3	Flam. Sol.;1;H228	25 - 50
Propylidynetrimethanol, ethoxylated, esters with acrylic acid	28961-43-5	Eye Dam./Irrit.;2A;H319 Skin Sens.;1;H317	25 - 50
Glycerol, propoxylated, esters with acrylic acid	52408-84-1	Eye Dam./Irrit.;2A;H319 Skin Sens.;1;H317	1 - 10
hexadecyl dihydrogen phosphate	3539-43-3 911-302-5	Skin Corr./Irrit.;2;H315 Eye Dam./Irrit.;1;H318	1 - 3

For the full text of the H-Statements mentioned in this Section, see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

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General advice	: Move the victim to fresh air.
	Move out of dangerous area.
	Show this safety data sheet to the doctor in attendance.
	Do not leave the victim unattended.
If inhaled	: Remove to fresh air.
	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 skin irritation persists, call a physician.
	If on clothes, remove clothes.
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.

4.2 Most important symptoms and effects, both acute and delayed

This information is not available.

4.3 Indication of any immediate medical attention and special treatment needed

This information is not available.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media	: Dry sand, Special powder against metal fire
Unsuitable extinguishing media	: Water, Foam, ABC powder, Carbon dioxide (CO2)

High volume water jet

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5.2 Special hazards arising from the substance or mixture

This information is not available.

5.3 Advice for firefighters Special protective equipment for firefighters Use personal protective equipment. Wear self-contained breathing apparatus for firefighting if necessary. Further information Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

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.
	Remove all sources of ignition.
	Use personal protective equipment.
	Avoid dust formation.
	Avoid breathing dust.

6.2 Environmental precautions

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

6.3 Methods and materials for containment and cleaning up

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Methods for cleaning up	: Use mechanical handling equipment. Soak up with inert absorbent material (e.g. acid binder, universal binder, sawdust). Keep in suitable, closed containers for disp	
6.4 Reference to other sections		
For personal protection see sect	ion 8.	

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling	:	Keep away from heat and sourd formation. Ensure adequate ver	
		Avoid formation of respirable pay vapours/dust. Avoid exposure - before use. Avoid contact with s protection see section 8. Smoki be prohibited in the application accordance with local and nation susceptible to skin sensitisation chronic or recurrent respiratory employed in any process in white	obtain special instructions skin and eyes. For personal ing, eating and drinking should area. Dispose of rinse water in onal regulations. Persons o problems or asthma, allergies, disease should not be
Advice on protection against fire and explosion	:	Keep away from open flames, h ignition. Earthing of containers	
		Avoid dust formation. Provide a at places where dust is formed.	
Hygiene measures	:	When using do not eat or drink. Wash hands before breaks and	
7.2 Conditions for safe storage, i	incl	luding any incompatibilities	
Requirements for storage areas and containers	:	Store in original container. Kee cool, well-ventilated place. Kee use. Keep away from sources c	p container closed when not in
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	Keep container tightly closed in a dr place. Electrical installations / workin with the technological safety standa	ng materials must comply
Further information on storage conditions	: Protect from humidity and water. Do	o not allow to dry.
Advice on common storage	: Do not store together with oxidizing Never allow product to get in contac storage. Keep away from oxidizing a and strongly acid materials in order reactions.	t with water during agents, strongly alkaline
Other data	: No decomposition if stored and appl	lied as directed.

7.3 Specific end use(s)

This information is not available.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Germany:

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium	7429-90-5	AGW (Inhalable fraction)	10 mg/m3	2021-07-02	DE TRGS 900
Peak-limit: exc factor (categor		2;(II)			
Further informa	ation		ompliance with the on orisk of harming the other the oth		cal tolerance
aluminium	7429-90-5	AGW (Alveolate fraction)	1,25 mg/m3	2021-07-02	DE TRGS 900

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Peak-limit: excursion factor (category)	2;(II)
Further information	When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child

United States of America (USA):

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Update	Basis
aluminium	7429-90-5	TWA (total dust)	50 Million particles per cubic foot	2012-07-01	
aluminium	7429-90-5	TWA (Respirable)	5 mg/m3	2013-10-08	
aluminium	7429-90-5	TWA (total dust)	15 mg/m3	2012-07-01	
aluminium	7429-90-5	TWA (total)	10 mg/m3	2013-10-08	
aluminium	7429-90-5	TWA (respirable fraction)	5 mg/m3	2012-07-01	
aluminium	7429-90-5	TWA (respirable fraction)	15 Million particles per cubic foot	2012-07-01	
aluminium	7429-90-5	PEL (Total dust)	10 mg/m3	2014-11-26	
aluminium	7429-90-5	PEL (respirable dust fraction)	5 mg/m3	2014-11-26	
aluminium	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2008-01-01	
aluminium	7429-90-5	TWA	5 mg/m3	2005-09-01	
aluminium	7429-90-5	TWA (Total)	15 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (Respirable fraction)	5 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (total dust)	15 mg/m3	2011-07-01	
aluminium	7429-90-5	TWA (respirable fraction)	5 mg/m3	2011-07-01	
aluminium	7429-90-5	TWA (Total dust)	15 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (respirable dust fraction)	5 mg/m3	1989-01-19	
aluminium	7429-90-5	TWA (welding fumes)	5 mg/m3	2013-10-08	
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aluminium	7429-90-5	TWA (pyro powders)	5 mg/m3	2013-10-08	
aluminium	7429-90-5	TWA (Respirable particulate matter)	1 mg/m3	2013-03-01	
aluminium	7429-90-5	TWA (Fumes)	5 mg/m3	1989-01-19	
aluminium	7429-90-5	PEL (Welding fumes)	5 mg/m3	2017-10-02	
aluminium	7429-90-5	PEL (Pyro powders)	5 mg/m3	2017-10-02	
aluminium	7429-90-5	TWA (powder)	5 mg/m3	1989-01-19	
2-ethyl-2-[[(1- oxoallyl)oxy] methyl]-1,3- propanediyl diacrylate	15625-89- 5	TWA	1 mg/m3	2008-01-01	

8.2 Exposure controls

Personal protective equipment	ent		
Eye protection	: Tightly fitting safety goggles		
	Wear face-shield and protect problems.	ve suit for abnormal processing	
Hand protection			
Material	: Solvent-resistant gloves		
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.		
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	Recommended preventive	e skin protection
	Skin should be washed af	fter contact.
	The suitability for a specif with the producers of the	fic workplace should be discussed protective gloves.
	: The suitability for a specif with the producers of the	fic workplace should be discussed protective gloves.
Skin and body protection	: Long sleeved clothing	
	Safety shoes	
		according to the amount and perous substance at the work place.
		according to the amount and perous substance at the work place.
Respiratory protection	: Use suitable breathing pro requires.	otection if workplace concentration
Environmental exposure	ontrols	
General advice	courses or the soil. Prevent product from enter Prevent further leakage o	5
	respective authorities.	

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	: Pasty solid
Colour	: silver
Odour	: characteristic
рН	: substance/mixture is non-soluble (in water)
Melting point/range	: > 600 °C

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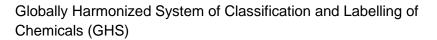
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Boiling point/boiling range	:	No data available
Flash point	:	No data available
Bulk density	:	No data available
Flammability (solid, gas)	:	Combustible Solids
Auto-flammability	:	not auto-flammable
Upper explosion limit	:	No data available
Lower explosion limit	:	No data available
Vapour pressure	:	No data available
Density	:	1,3 - 2,0 g/cm3
Solubility(ies)		
Water solubility	:	insoluble
Miscibility with water	:	immiscible
Solubility in other solvents	:	No data available
Partition coefficient: n-octanol/water	:	No data available
Ignition temperature	:	No data available
Thermal decomposition	:	No data available
Viscosity, dynamic	:	No data available
Viscosity, kinematic	:	No data available
Flow time	:	No data available
Explosive properties	:	Not explosive
Other information		

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	 Reacts with alkalis, acids, halogenes and oxidizing agents. Contact with acids and alkalis may release hydrogen. Mixture reacts slowly with water resulting in evolution of hydrogen. Vapour/air-mixtures are explosive at intense warming.
	No decomposition if stored and applied as directed.

10.4 Conditions to avoid

Conditions to avoid	: Do not allow to dry.
	No data available

10.5 Incompatible materials

Materials to avoid

: Acids Bases Oxidizing agents Highly halogenated compounds

10.6 Hazardous decomposition products

Other information

: No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Acute toxicity

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No data available

Skin corrosion/irritation

Product

May cause skin irritation and/or dermatitis.

Serious eye damage/eye irritation

Product

May cause irreversible eye damage.

Respiratory or skin sensitisation

Product

Causes sensitisation.

Carcinogenicity

No data available

Toxicity to reproduction/fertility

No data available

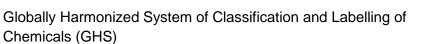
Reprod.Tox./Development/Teratogenicity

No data available

STOT - single exposure

No data available

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STOT - repeated exposure

No data available

Aspiration toxicity

No data available

Further information

Product

No data available

SECTION 12: Ecological information

12.1 Toxicity

No data available

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

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No data available

12.6 Other adverse effects

Product:

Additional ecological : No data available information

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product	 Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.
Contaminated packaging	 Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14: Transport information

14.1 UN number

ADR Not dangerous goods TDG Not dangerous goods CFR Not dangerous goods

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IMDG Not dangerous goods ΙΑΤΑ Not dangerous goods 14.2 Proper shipping name ADR Not dangerous goods TDG Not dangerous goods CFR Not dangerous goods IMDG Not dangerous goods ΙΑΤΑ Not dangerous goods 14.3 Transport hazard class ADR Not dangerous goods

TDG

Not dangerous goods

CFR

Not dangerous goods

IMDG

Not dangerous goods

IATA

Not dangerous goods

14.4 Packing group



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ADR

Not dangerous goods

TDG

Not dangerous goods

CFR

Not dangerous goods

IMDG

Not dangerous goods

ΙΑΤΑ

Not dangerous goods

14.5 Environmental hazards

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

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). REACH - List of substances subject to authorisation (Annex XIV)

: Not applicable

: Not applicable

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ot applicable ot applicable anned and/or restricted luminium powder (stabilised)) ropylidynetrimethanol, noxylated, esters with acrylic acid) lycerol, propoxylated, esters with

15.2 Chemical safety assessment

No data available

SECTION 16: Other information

Full text of H-Statements

H228 H315 H316 H317 H318	::	Flammable solid. Causes skin irritation. Causes mild skin irritation. May cause an allergic skin reaction. Causes serious eye damage.
H319		Causes serious eye irritation.

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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