revvity

*

*

Safety Data Sheet acc. to OSHA HCS

- US -

Printing date 11/29/2023

Reviewed on 11/29/2023

Identification	
Ŭ	
· Product identifier	
· Trade name: <u>Soluene-350</u>	
• Article number: 6003038 • Application of the substance / the mixture Laborator	y chemicals
• Details of the supplier of the safety data sheet • Manufacturer/Supplier: Revvity Health Sciences B.V. Rigaweg 22 9723 TH Groningen The Netherlands Phone: 0031 50 5445900 www.revvity.com	
• Information department: Quality Assurance, Environment, Safety & Health (Q. SDS.Groningen@revvity.com • Emergency telephone number: +31 50 5445971	
CHEMTREC (within U.S.A. and Canada) 1-800-424- CHEMTREC (from outside U.S.A. and Canada) +170	
GHS02 Flame	
GHS02 Flame Flammable Liquids 2	H225 Highly flammable liquid and vapor.
	H225 Highly flammable liquid and vapor.
Flammable Liquids 2	H361 Suspected of damaging fertility or the unbo
Flammable Liquids 2 GHS08 Health hazard	H361 Suspected of damaging fertility or the unbo child.
Flammable Liquids 2 GHS08 Health hazard Toxic to Reproduction 2	H361 Suspected of damaging fertility or the unbo child. H371 May cause damage to the central nervo system and the visual organs.
Flammable Liquids 2 GHS08 Health hazard Toxic to Reproduction 2 Specific Target Organ Toxicity - Single Exposure 2	 H361 Suspected of damaging fertility or the unbo child. H371 May cause damage to the central nervo system and the visual organs. 2 H373 May cause damage to organs throug
Flammable Liquids 2 GHS08 Health hazard Toxic to Reproduction 2 Specific Target Organ Toxicity - Single Exposure 2	 H361 Suspected of damaging fertility or the unbo child. H371 May cause damage to the central nervo system and the visual organs. 2 H373 May cause damage to organs throug
Flammable Liquids 2 GHS08 Health hazard Toxic to Reproduction 2 Specific Target Organ Toxicity - Single Exposure 2 Specific Target Organ Toxicity - Repeated Exposure 2	 H361 Suspected of damaging fertility or the unbo child. H371 May cause damage to the central nervo system and the visual organs. 2 H373 May cause damage to organs throug
Flammable Liquids 2 GHS08 Health hazard Toxic to Reproduction 2 Specific Target Organ Toxicity - Single Exposure 2 Specific Target Organ Toxicity - Repeated Exposure 2 GHS05 Corrosion	 H361 Suspected of damaging fertility or the unbo child. H371 May cause damage to the central nervo system and the visual organs. 2 H373 May cause damage to organs throug prolonged or repeated exposure.
Flammable Liquids 2 GHS08 Health hazard Toxic to Reproduction 2 Specific Target Organ Toxicity - Single Exposure 2 Specific Target Organ Toxicity - Repeated Exposure 2 Specific Target Organ Toxicity - Repeated Exposure 2 Skin Corrosion 1B	 H361 Suspected of damaging fertility or the unbolchild. H371 May cause damage to the central nervolsystem and the visual organs. H373 May cause damage to organs throug prolonged or repeated exposure. H314 Causes severe skin burns and eye damage.



Reviewed on 11/29/2023

Printing date 11/29/2023



· Chemical characterization: Mixtures

· Description: Mixture: consisting of the following components.

(Contd. on page 3)

US

Reviewed on 11/29/2023

(G/V)

Safety Data Sheet acc. to OSHA HCS

Printing date 11/29/2023

Trade name: Soluene-350

5	components:	
108-88-3	 Tolueen Flammable Liquids 2, H225 Toxic to Reproduction 2, H361; Specific Target Organ Toxicity - Repeated Exposure 2, H373; Aspiration Hazard 1, H304 Skin Irritation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H336 	40-60%
94199-93-6	 dodecyl(dimethyl)(tetradecyl)ammonium hydroxide Skin Corrosion 1B, H314; Eye Damage 1, H318 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute Toxicity - Oral 4, H302 	20-40%
5137-55-3	Methyltrioctylammonium chloride (Aliquat-336) Skin Corrosion IB, H314; Eye Damage 1, H318 Aquatic Acute 1, H400; Aquatic Chronic 1, H410 Acute Toxicity - Oral 4, H302	2.5-10%
67-56-1	 methanol Flammable Liquids 2, H225 Acute Toxicity - Oral 3, H301; Acute Toxicity - Dermal 3, H311; Acute Toxicity - Inhalation 3, H331 Specific Target Organ Toxicity - Single Exposure 1, H370 	2.5-10%
Non-Dange	rous components	
7732-18-5 1	water, distilled, conductivity or of similar purity	2.5-10%

4 First-aid measures

• Description of first aid measures

• General information:

Immediately remove any clothing soiled by the product.

Remove breathing apparatus only after contaminated clothing have been completely removed.

In case of irregular breathing or respiratory arrest provide artificial respiration.

- · After inhalation:
- Supply fresh air or oxygen; call for doctor.
- In case of unconsciousness place patient stably in side position for transportation.
- *After skin contact: Immediately wash with water and soap and rinse thoroughly.*
- After eve contact: Rinse opened eve for several minutes under running water. Then consult a doctor.
- After swallowing:
- Do not induce vomiting; immediately call for medical help.
- Drink copious amounts of water and provide fresh air. Immediately call a doctor.
- · Information for doctor:
- Most important symptoms and effects, both acute and delayed No further relevant information available.
- · Indication of any immediate medical attention and special treatment needed

No further relevant information available.

5 Fire-fighting measures

- · Extinguishing media
- Suitable extinguishing agents:

CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam. • Special hazards arising from the substance or mixture No further relevant information available.

US

(Contd. of page 3)

revvity

Safety Data Sheet acc. to OSHA HCS

Reviewed on 11/29/2023

Printing date 11/29/2023

Trade name: Soluene-350

· Advice for firefighters

· Protective equipment: Mouth respiratory protective device.

6 Accident	al release measures	
· Personal p	recautions, protective equipment and emergency procedures	
	ctive equipment. Keep unprotected persons away.	
	ntal precautions:	
Prevent see	page into sewage system, workpits and cellars.	
Dilute with	plenty of water.	
	w to enter sewers/ surface or ground water.	
	nd material for containment and cleaning up:	
	h liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust)).
	lizing agent.	
	ntaminated material as waste according to section 13.	
	quate ventilation.	
	to other sections	
	7 for information on safe handling.	
	8 for information on personal protection equipment. 13 for disposal information.	
	Action Criteria for Chemicals	
• PAC-1:]
	T 1	(7
108-88-3		67 ppm
	Methyltrioctylammonium chloride (Aliquat-336)	$0.67 \ mg/m^3$
67-56-1	methanol	530 ppm
· PAC-2:		
108-88-3	Tolueen	560 ppm
5137-55-3	Methyltrioctylammonium chloride (Aliquat-336)	$7.4 mg/m^3$
67-56-1	methanol	2,100 ppm
· PAC-3:		
108-88-3	Tolueen	3700* ppm
5137-55-3	Methyltrioctylammonium chloride (Aliquat-336)	44 mg/m ³
67-56-1	methanol	7200* ppm

7 Handling and storage

• Handling:

- · Precautions for safe handling
- Ensure good ventilation/exhaustion at the workplace.
- Open and handle receptacle with care.

· Information about protection against explosions and fires: Keep ignition sources away - Do not smoke.

- · Conditions for safe storage, including any incompatibilities
- Storage:

• Requirements to be met by storerooms and receptacles: Store in a cool location.

- · Information about storage in one common storage facility: Not required.
- Further information about storage conditions:

Keep receptacle tightly sealed.

Store in cool, dry conditions in well sealed receptacles.

(Contd. on page 5)

US

Printing date 11/29/2023

Trade name: Soluene-350

• *Specific end use(s) No further relevant information available.*

8 Exposure controls/personal protection

• Additional information about design of technical systems: No further data; see section 7.

Com	ponents with limit values that require monitoring at the workplace:
	5-1 methanol
PEL	260 mg/m ³ , 200 ppm
	Short-term value: 325 mg/m ³ , 250 ppm
	Long-term value: 260 mg/m ³ , 200 ppm
	Skin
TLV	Short-term value: 328 mg/m ³ , 250 ppm
	Long-term value: 262 mg/m ³ , 200 ppm
	Skin; BEI
Addit	tional information: The lists that were valid during the creation were used as basis.
Expo	sure controls
	onal protective equipment:
	ral protective and hygienic measures:
	away from foodstuffs, beverages and feed.
	diately remove all soiled and contaminated clothing.
	hands before breaks and at the end of work.
	protective clothing separately. I contact with the eyes and skin.
	thing equipment:
	se of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure
	espiratory protective device that is independent of circulating air.
	ection of hands:
.1112	Protective gloves
	Trolective gloves
	SO 374-1/Type B
	rial of gloves
	e rubber, NBR
	mmended thickness of the material: ≥ 0.2 mm kthrough time: > 120 minutes
	election of the suitable gloves does not only depend on the material, but also on further marks of quality
	varies from manufacturer to manufacturer.
	tration time of glove material
	exact break through time has to be found out by the manufacturer of the protective gloves and has to be
obser	ved.
	(Contd. on page 6)

Page 5/12

Reviewed on 11/29/2023

(Contd. of page 4)

US

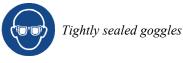
Printing date 11/29/2023

Reviewed on 11/29/2023

Trade name: Soluene-350

(Contd. of page 5)

• Eye protection:



Information on basic physical at	nd chemical properties
General Information	
Appearance: Form:	Fluid
Form: Color:	Colorless
Odor:	Characteristic
Change in condition	
Melting point/Melting range:	-30 ° C (-22 ° F)
Boiling point/Boiling range:	110 °C (230 °F)
Flash point:	6 °C (42.8 °F)
Auto igniting:	550 °C (1,022 °F)
Ignition temperature:	Product is not selfigniting.
Danger of explosion:	Product is not explosive. However, formation of explosive air/vapor mixtures are possible.
Explosion limits:	
Lower:	1.2 Vol %
Upper:	8 Vol %
Vapor pressure at 20 °C (68 °F).	: 8 mmHg
Density at 20 °C (68 °F):	0.870 g/cm ³ (7.26015 lbs/gal)
Solubility in / Miscibility with	
Water:	Fully miscible.
Solvent content:	
VOC content:	40-60 %
Other information	No further relevant information available.

10 Stability and reactivity

· Reactivity No further relevant information available.

· Chemical stability

- Thermal decomposition / conditions to be avoided: No decomposition if used according to specifications.
- · Possibility of hazardous reactions No dangerous reactions known.
- · Conditions to avoid No further relevant information available.
- · Incompatible materials: No further relevant information available.
- · Hazardous decomposition products:

Nitrogen oxides

(Contd. on page 7)

US

(Contd. of page 6)

revvity

Safety Data Sheet acc. to OSHA HCS

Printing date 11/29/2023

Reviewed on 11/29/2023

Trade name: Soluene-350

Carbon monoxide

11 Toxicological information

· Information on toxicological effects

· Acute toxi	city:		
· LD/LC50	· LD/LC50 values that are relevant for classification:		
ATE (Acu	te Toxicity	Estimate)	
Oral	LD50	829 mg/kg	
Dermal	LD50	6,000 mg/kg	
Inhalative	LC50/4 h	60 mg/l	
108-88-3 7	Tolueen		
Oral	LD50	5,000 mg/kg (rat)	
Dermal	LD50	12,124 mg/kg (rab)	
Inhalative	LC50/4 h	5,320 mg/l (mouse)	
• Additional The produ preparatio Toxic Corrosive	on: No sen toxicologi act shows ns: g will lead	nsitizing effects known. ical information: the following dangers according to internally approved calculation methods for d to a strong caustic effect on mouth and throat and to the danger of perforation of	
· Carcinoge			
	IARC (International Agency for Research on Cancer)		
	108-88-3 Tolueen 3		
	· NTP (National Toxicology Program)		
None of the ingredients is listed.			
· OSHA-Ca	(Occupati	ional Safety & Health Administration)	
None of the	None of the ingredients is listed.		

12 Ecological information

· Toxicity

· Aquatic toxicity: No further relevant information available.

- Persistence and degradability No further relevant information available.
- Behavior in environmental systems:
- · Bioaccumulative potential No further relevant information available.
- *Mobility in soil* No further relevant information available.
- Additional ecological information:

· General notes:

Water hazard class 1 (Self-assessment): slightly hazardous for water

Must not reach bodies of water or drainage ditch undiluted or unneutralized.

(Contd. on page 8)

US

revvity

Safety Data Sheet acc. to OSHA HCS

(Contd. of page 7)

Printing date 11/29/2023

Reviewed on 11/29/2023

Trade name: Soluene-350

· Results of PBT and vPvB assessment

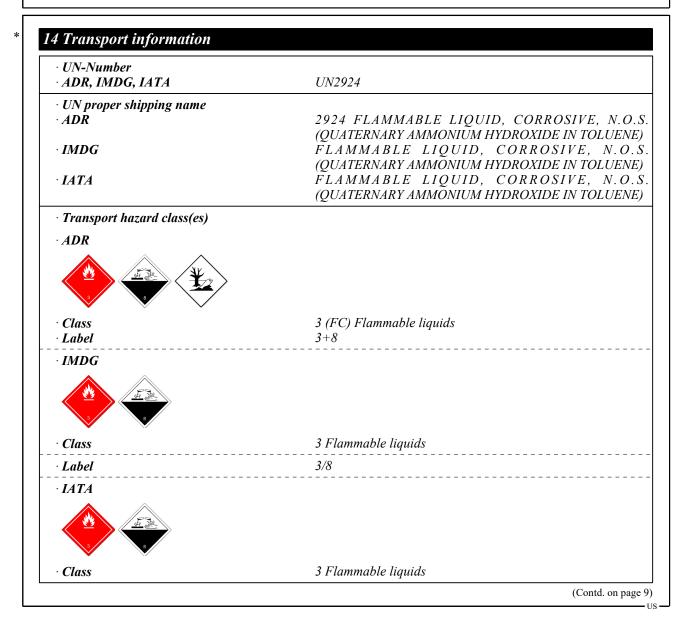
• **PBT:** Not applicable.

· vPvB: Not applicable.

• Other adverse effects No further relevant information available.

13 Disposal considerations

- · Waste treatment methods
- · Recommendation: Must be specially treated adhering to official regulations.
- · Uncleaned packagings:
- *Recommendation: Disposal must be made according to official regulations.*
- · Recommended cleansing agent: Water, if necessary with cleansing agents.



Printing date 11/29/2023

Reviewed on 11/29/2023

Trade name: Soluene-350

	(Contd. of page
Label	3 (8)
Packing group ADR, IMDG, IATA	II
Environmental hazards: Marine pollutant: Special marking (ADR):	No Symbol (fish and tree)
Special precautions for user Hazard identification number (Kemler code): EMS Number:	Warning: Flammable liquids 336 F-E,S-C
Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code	Not applicable.
Transport/Additional information:	
ADR Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
IMDG Limited quantities (LQ) Excepted quantities (EQ)	1L Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
UN "Model Regulation":	UN2924, FLAMMABLE LIQUID, CORROSIVE, N.O.S (METHANOL, Quaternary Ammonium Hydroxide) ENVIRONMENTALLY HAZARDOUS, 3 (8), II

15 Regulatory information

• Safety, health and environmental regulations/legislation specific for the substance or mixture No further relevant information available.

ACTIVE
ACTIVE
ACTIVE
ACTIVE
(Contd. on page 10

(Contd. of page 9)

Printing date 11/29/2023

Reviewed on 11/29/2023

Trade name: Soluene-350

• Chemicals known to cause cancer:

· Proposition 65

	gredients is listed.
None of the in	
· Chemicals kn	own to cause reproductive toxicity for females:
None of the in	gredients is listed.
· Chemicals kn	own to cause reproductive toxicity for males:
	gredients is listed.
•	own to cause developmental toxicity:
108-88-3 Tol	- ·
67-56-1 met	
· Carcinogenic	-
	nmental Protection Agency)
108-88-3 Tol	
,	old Limit Value)
108-88-3 Tol	A4
· MAK (Germa	n Maximum Workplace Concentration)
None of the in	gredients is listed.
· NIOSH-Ca (N	National Institute for Occupational Safety and Health)
	gredients is listed.
· GHS label ele	ments
The product is Hazard pictog	e classified and labeled according to the Globally Harmonized System (GHS). Trams
The product is Hazard pictog GHS02 GI	a classified and labeled according to the Globally Harmonized System (GHS). Trans To the Globally Harmonized System (GHS). To the Globally Harmonized System (GHS). To the GHS of the Globally Harmonized System (GHS). To the Globally Har
The product is Hazard pictog GHS02 GI Signal word L Hazard-deter	r classified and labeled according to the Globally Harmonized System (GHS). rams 1505 GHS07 GHS08 GHS09
The product is Hazard pictog GHS02 GI Signal word I Hazard-detern Tolueen dodecyl(dimet Methyltrioctyl methanol	r classified and labeled according to the Globally Harmonized System (GHS). rams
The product is Hazard pictog Hazard pictog GHS02 GI Signal word I Hazard-detern Tolueen dodecyl(dimet Methyltrioctyl methanol Hazard staten	r classified and labeled according to the Globally Harmonized System (GHS). rams
The product is Hazard pictog Hazard pictog GHS02 GI Signal word I Hazard-detern Tolueen dodecyl(dimet Methyltrioctyl methanol Hazard staten H225 Highly j H302 Harmfu	 classified and labeled according to the Globally Harmonized System (GHS). rams in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS).
The product is Hazard pictog Hazard pictog GHS02 GI Signal word L Hazard-detern Tolueen dodecyl(dimet Methyltrioctyl methanol Hazard staten H225 Highly J H302 Harmfu H314 Causes H361 Suspect H371 May cau	 classified and labeled according to the Globally Harmonized System (GHS). rams in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Globally Harmonized System (GHS). in the second state of the Global state of the Glo
The product is Hazard pictog GHS02 GI Signal word I Hazard-detern Tolueen dodecyl(dimet Methyltrioctyl methanol Hazard staten H225 Highly J H302 Harmfu H314 Causes H361 Suspect H371 May cau H373 May cau	relassified and labeled according to the Globally Harmonized System (GHS). rams vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans vans v
The product is Hazard pictog GHS02 GI Signal word I Hazard-detern Tolueen dodecyl(dimet Methyltrioctyl methanol Hazard staten H225 Highly J H302 Harmfu H314 Causes H361 Suspect H371 May cau H373 May cau H373 May cau H410 Very tos	 classified and labeled according to the Globally Harmonized System (GHS). rams rams
The product is Hazard pictog GHS02 GI Signal word I Hazard-detern Tolueen dodecyl(dimet Methyltrioctyl methanol Hazard staten H225 Highly J H302 Harmfu H314 Causes H361 Suspect H371 May cau H373 May cau H373 May cau H410 Very tos Precautionary	relassified and labeled according to the Globally Harmonized System (GHS). Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans Trans
The product is Hazard pictog GHS02 GI Signal word I Hazard-detern Tolueen dodecyl(dimet Methyltrioctyl methanol Hazard staten H225 Highly J H302 Harmfu H314 Causes H361 Suspect H371 May cau H373 May cau H373 May cau H410 Very tos	 classified and labeled according to the Globally Harmonized System (GHS). rams rams
The product is Hazard pictog GHS02 GI Signal word I Hazard-detern Tolueen dodecyl(dimet Methyltrioctyl methanol Hazard staten H225 Highly J H302 Harmfu H314 Causes H361 Suspect H371 May cau H373 May cau H373 May cau H373 May cau H373 May cau H373 May cau H370 Very tox	<pre>classified and labeled according to the Globally Harmonized System (GHS). runs</pre>



Printing date 11/29/2023

Reviewed on 11/29/2023

Trade name: Soluene-350

(Contd. of page 10)

P301+P312 If swallowed: Call a poison center/doctor if you feel unwell. P303+P361+P353 If on skin (or hair): Take off immediately all contaminated clothing. Rinse skin with

water/shower. P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

• Chemical safety assessment: A Chemical Safety Assessment has not been carried out.

16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· Relevant phrases

H225 Highly flammable liquid and vapor. H301 Toxic if swallowed. H302 Harmful if swallowed. H304 May be fatal if swallowed and enters airways. H311 Toxic in contact with skin. H314 Causes severe skin burns and eve damage. H315 Causes skin irritation. H318 Causes serious eye damage. H331 Toxic if inhaled. H336 May cause drowsiness or dizziness. H361 Suspected of damaging fertility or the unborn child. H370 Causes damage to organs. H373 May cause damage to organs through prolonged or repeated exposure. H400 Very toxic to aquatic life. H410 Very toxic to aquatic life with long lasting effects. • Department issuing SDS: Quality Assurance, Environment, Safety & Health (QA/ESH) · Contact: SDS.Groningen@revvity.com • Date of preparation / last revision 11/29/2023 · Abbreviations and acronyms: RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA) ICAO: International Civil Aviation Organisation ICAO-TI: Technical Instructions by the "International Civil Aviation Organisation" (ICAO) ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road) IMDG: International Maritime Code for Dangerous Goods IATA: International Air Transport Association EINECS: European Inventory of Existing Commercial Chemical Substances ELINCS: European List of Notified Chemical Substances CAS: Chemical Abstracts Service (division of the American Chemical Society) VOC: Volatile Organic Compounds (USA, EU) LC50: Lethal concentration, 50 percent LD50: Lethal dose, 50 percent PBT: Persistent, Bioaccumulative and Toxic vPvB: very Persistent and very Bioaccumulative NIOSH: National Institute for Occupational Safety OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit Flammable Liquids 2: Flammable liquids – Category 2 Acute Toxicity - Oral 3: Acute toxicity - Category 3 Acute Toxicity - Oral 4: Acute toxicity - Category 4 Skin Corrosion 1B: Skin corrosion/irritation - Category 1B Skin Irritation 2: Skin corrosion/irritation - Category 2 (Contd. on page 12) US



US ·

Printing date 11/29/2023

Trade name: Soluene-350

Reviewed on 11/29/2023

	(Contd. of page 11)
Eye Damage 1: Serious eye damage/eye irritation – Category 1	
Toxic to Reproduction 2: Reproductive toxicity – Category 2	
Specific Target Organ Toxicity - Single Exposure 1: Specific target organ toxicity (single exposure) – Category 1	
Specific Target Organ Toxicity - Single Exposure 2: Specific target organ toxicity (single exposure) – Category 2	
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3	
Specific Target Organ Toxicity - Repeated Exposure 2: Specific target organ toxicity (repeated exposure) – Categor	y 2
Aspiration Hazard 1: Aspiration hazard – Category 1	
Aquatic Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1	
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1	
* Data compared to the previous version altered.	