### Conforms to Regulation (EC) No. 1907/2006 (REACH), Annex II, as amended by Commission Regulation (EU) 2020/878 - Poland

# SAFETY DATA SHEET

Flux RA 301



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

: Flux RA 301
: JEA8-E0CS-P00Q-WM5Y
: GHS062
: Not available.
: Liquid.
: RA301-15, RA301-20, RA301-30

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

**Identified uses** Not applicable.

**Uses advised against** Not applicable.

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

AIM 9100 Henri Bourassa East Montreal, QC H1E 2S4 (514) 494-2000

AIM Solder Europe Sp. z.o.o. ul. Papiernicza 7 Łódź 92-312 Poland

e-mail address of person : Safetydata@aimsolder.com responsible for this SDS

#### 1.4 Emergency telephone number

**Telephone number** 

**Product definition** 

: INFOTRAC Europe: 0800-181-29-24 International: (352) 323-3500

### **SECTION 2: Hazards identification**

2.1 Classification of the substance or mixture

: Mixture

Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] Flam. Liq. 2, H225 Eye Irrit. 2, H319 Skin Sens. 1, H317

STOT SE 3, H336 Aquatic Chronic 4, H413

The product is classified as hazardous according to Regulation (EC) 1272/2008 as amended.

See Section 16 for the full text of the H statements declared above.

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

# **SECTION 2: Hazards identification**

2.2 Label elements	
Hazard pictograms	
Signal word	: Danger
Hazard statements	<ul> <li>Highly flammable liquid and vapor. May cause an allergic skin reaction. Causes serious eye irritation. May cause drowsiness or dizziness. May cause long lasting harmful effects to aquatic life.</li> </ul>
Precautionary statements	
Prevention	: Wear protective gloves. Wear eye or face protection. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Use explosion-proof electrical, ventilating, lighting and all material-handling equipment. Avoid release to the environment.
Response	: IF INHALED: Remove person to fresh air and keep comfortable for breathing. Take off immediately all contaminated clothing. Rinse skin with water or shower.
Storage	: Store in a well-ventilated place. Keep container tightly closed.
Disposal	: Dispose of contents and container in accordance with all local, regional, national and international regulations.
Annex XVII - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles	: Not applicable.
2.3 Other hazards	
Product meets the criteria for PBT or vPvB according to Regulation (EC) No. 1907/2006, Annex XIII	: This mixture does not contain any substances that are assessed to be a PBT or a vPvB.
· · · · · · · · · · · · · · · · · · ·	

Other hazards which do : None known. not result in classification

# **SECTION 3: Composition/information on ingredients**

≥50 - ≤75 1-7 -0 117-00-0 5-7 ≥25 - ≤50	Eye Irrit. 2, H319 STOT SE 3, H336	Limits, M-factors and ATEs -	[1] [2]
7558-25 1-7 -0 117-00-0	Eye Irrit. 2, H319 STOT SE 3, H336		
5-7 >25 - <50			
09-7 015-00-7	0 Skin Sens. 1, H317 Aquatic Chronic 4, H413	-	[1]
7-2 ≤10 -65-7	Flam. Liq. 3, H226 Skin Irrit. 2, H315 Eye Irrit. 2, H319 Asp. Tox. 1, H304	-	[1]
	Flam. Liq. 2, H225	ATE [Oral] = 100	[1] [2]
	-65-7 9-6 ≤3	Eye Irrit. 2, H319 Asp. Tox. 1, H304	Eye Irrit. 2, H319 Asp. Tox. 1, H304

### **SECTION 3: Composition/information on ingredients**

CAS: 67-56-1 Index: 603-001-00-X	Acute Tox. 3, H301 Acute Tox. 3, H311 Acute Tox. 3, H331 Skin Irrit. 2, H315 Eye Irrit. 2, H319 STOT SE 1, H370	mg/kg ATE [Dermal] = 300 mg/kg ATE [Inhalation (vapours)] = 3 mg/l STOT SE 1, H370: C ≥ 10% STOT SE 2, H371: 3% ≤ C < 10%
	See Section 16 for the full text of the H statements declared above.	

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment, are PBTs, vPvBs or Substances of equivalent concern, or have been assigned a workplace exposure limit and hence require reporting in this section.

<u>Type</u>

[1] Substance classified with a health or environmental hazard

[2] Substance with a workplace exposure limit

Occupational exposure limits, if available, are listed in Section 8.

# **SECTION 4: First aid measures**

### 4.1 Description of first aid measures

Eye contact	-	Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 10 minutes. Get medical attention.
Inhalation	-	Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Skin contact	-	Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
Ingestion	-	Wash out mouth with water. Remove dentures if any. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention. If necessary, call a poison center or physician. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
Protection of first-aiders	:	No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

4.2 Most important symptoms and effects, both acute and delayed <u>Over-exposure signs/symptoms</u>

# **SECTION 4: First aid measures**

Eye contact	: Adverse symptoms may include the following: pain or irritation watering redness
Inhalation	: Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness
Skin contact	: Adverse symptoms may include the following: irritation redness
Ingestion	: No specific data.
4.3 Indication of any imm	nediate medical attention and special treatment needed

Notes to physician	: Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
Specific treatments	: No specific treatment.

# **SECTION 5: Firefighting measures**

5.1 Extinguishing media Suitable extinguishing	: Use dry chemical, CO <sub>2</sub> , water spray (fog) or foam.
media Unsuitable extinguishing media	: Do not use water jet.

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

Hazards from the substance or mixture	:	Highly flammable liquid and vapor. Runoff to sewer may create fire or explosion hazard. In a fire or if heated, a pressure increase will occur and the container may burst, with the risk of a subsequent explosion. This material may cause long lasting harmful effects to aquatic life. Fire water contaminated with this material must be contained and prevented from being discharged to any waterway, sewer or drain.
Hazardous combustion products	:	Decomposition products may include the following materials: carbon dioxide carbon monoxide metal oxide/oxides
5.3 Advice for firefighters		
Special protective actions for fire-fighters	:	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training. Move containers from fire area if this can be done without risk. Use water spray to keep fire-exposed containers cool.
Special protective equipment for fire-fighters	:	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode Clothing for fire-fighters (including helmets, protective boots and gloves) conforming to European standard EN 469 will provide a basic level of protection for chemical incidents.

# **SECTION 6: Accidental release measures**

6.1 Personal precautions, pro	tective equipment and emergency procedures
For non-emergency personnel	: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
For emergency responders	: If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
6.2 Environmental precautions	: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air). Water polluting material. May be harmful to the environment if released in large quantities.
6.3 Methods and materials for	containment and cleaning up
Small spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
Large spill	: Stop leak if without risk. Move containers from spill area. Use spark-proof tools and explosion-proof equipment. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product.

6.4 Reference to other	See Section 1 for emergency contact information.
sections	See Section 8 for information on appropriate personal protective equipment.
	See Section 13 for additional waste treatment information.

# **SECTION 7: Handling and storage**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### 7.1 Precautions for safe handling

Protective measures	: Put on appropriate personal protective equipment (see Section 8). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Store and use away from heat, sparks, open flame or any other ignition source. Use explosion-proof electrical (ventilating, lighting and material handling) equipment. Use only non-sparking tools. Take precautionary measures against electrostatic discharges. Empty containers retain product residue and can be hazardous. Do not reuse container.
Advice on general occupational hygiene	: Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.

### **SECTION 7: Handling and storage**

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

Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see Section 10) and food and drink. Store locked up. Eliminate all ignition sources. Separate from oxidizing materials. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination. See Section 10 for incompatible materials before handling or use.

### Seveso Directive - Reporting thresholds

Danger criteria

	Notification and MAPP threshold	Safety report threshold
P5c	5000 tonne	50000 tonne

#### 7.3 Specific end use(s)

Recommendations

: Not available.

Industrial sector specific solutions

: Not available.

### SECTION 8: Exposure controls/personal protection

The information in this section contains generic advice and guidance. Information is provided based on typical anticipated uses of the product. Additional measures might be required for bulk handling or other uses that could significantly increase worker exposure or environmental releases.

### 8.1 Control parameters

### **Occupational exposure limits**

Product/ingredient na	me Exposure limit values
propan-2-ol methanol	Regulation of the Minister of Family, Labor and Social Policy of 18 February 2021, regarding the highest permissible concentrations and values of agents harmful to health in the work environment (Journal of Laws 2021, item 325) (Poland, 
procedures a	f this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to monitoring standards, such as the following: European Standard EN 689 (Workplace atmospheres - Guidance for

the assessment of exposure by inhalation to chemical agents for comparison with limit values and measurement strategy) European Standard EN 14042 (Workplace atmospheres - Guide for the application and use of procedures for the assessment of exposure to chemical and biological agents) European Standard EN 482 (Workplace atmospheres - General requirements for the performance of procedures for the measurement of chemical agents) Reference to national guidance documents for methods for the determination of hazardous substances will also be required.

#### **DNELs/DMELs**

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### **SECTION 8: Exposure controls/personal protection**

Product/ingredient name	Туре	Exposure	Value	Population	Effects
propan-2-ol	DNEL	Long term Oral	26 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term	89 mg/m³	General	Systemic
		Inhalation	_	population	
	DNEL	Long term Dermal	319 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term	500 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation	j		- <b>,</b>
	DNEL	Long term Dermal	888 mg/kg	Workers	Systemic
			bw/day		
rosin	DNEL	Long term Oral	1.0655 mg/	General	Systemic
			kg bw/day	population	
	DNEL	Long term Dermal	1.0655 mg/	General	Systemic
	DNEL	Long term Dermal	•		Systemic
	סאירי	Long torm Dormal	kg bw/day	population	Sustamia
	DNEL	Long term Dermal	2.131 mg/	Workers	Systemic
			kg bw/day	\A/autour	
	DNEL	Long term	10 mg/m³	Workers	Local
	<b>D</b>	Inhalation			
methanol	DNEL	Short term Oral	4 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Oral	4 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Short term Dermal	4 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Long term Dermal	4 mg/kg	General	Systemic
			bw/day	population	
	DNEL	Short term Dermal	20 mg/kg	Workers	Systemic
			bw/day		
	DNEL	Long term Dermal	20 mg/kg	Workers	Systemic
			bw/day		
	DNEL	Short term	26 mg/m <sup>3</sup>	General	Local
		Inhalation		population	
	DNEL	Long term	26 mg/m³	General	Local
		Inhalation		population	
	DNEL	Short term	26 mg/m <sup>3</sup>	General	Systemic
		Inhalation		population	
	DNEL	Long term	26 mg/m <sup>3</sup>	General	Systemic
		Inhalation	20 mg/m	population	Systemic
	DNEL	Short term	130 mg/m <sup>3</sup>	Workers	Local
	DNEL		130 mg/m²	VVUINCIS	LUCAI
	סאירי	Inhalation	120 ma/m3	Workorg	
	DNEL	Long term	130 mg/m <sup>3</sup>	Workers	Local
	DNE	Inhalation	100 - 1 3	<b>\A</b> / =	Question :
	DNEL	Short term	130 mg/m <sup>3</sup>	Workers	Systemic
		Inhalation			
	DNEL	Long term	130 mg/m³	Workers	Systemic
		Inhalation			

#### **PNECs**

No PNECs available.

#### 8.2 Exposure controls

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

#### Individual protection measures

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# **SECTION 8: Exposure controls/personal protection**

Hygiene measures	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.
Eye/face protection	Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.
Skin protection	
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.
Body protection	Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product. When there is a risk of ignition from static electricity, wear anti-static protective clothing. For the greatest protection from static discharges, clothing should include anti-static overalls, boots and gloves. Refer to European Standard EN 1149 for further information on material and design requirements and test methods.
Other skin protection	Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.
Respiratory protection	Based on the hazard and potential for exposure, select a respirator that meets the appropriate standard or certification. Respirators must be used according to a respiratory protection program to ensure proper fitting, training, and other important aspects of use.
Environmental exposure controls	Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

# **SECTION 9: Physical and chemical properties**

The conditions of measurement of all properties are at standard temperature and pressure unless otherwise indicated.

### 9.1 Information on basic physical and chemical properties

<u>Appearance</u>	
Physical state	: Liquid.
Color	: Blue. [Light]
Odor	: Alcohol like.
Odor threshold	: Not available.
Melting point/freezing point	: Not available.
Initial boiling point and boiling range	: 83°C (181.4°F)
Flammability	: Highly flammable in the presence of the following materials or conditions: open flames, sparks and static discharge.
Lower and upper explosion limit	: Not available.
Flash point	: Closed cup: 11.7°C (53.1°F) Open cup: 12°C (53.6°F)

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# **SECTION 9: Physical and chemical properties**

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### Auto-ignition temperature

Ingredient name		°C	°F	Method	
Naphtha (petroleum), heavy alkylate		355	671		
methanol	methanol propan-2-ol		851	DIN 51794	
propan-2-ol			852.8		
Decomposition temperature	: Not ava	ilable.			
рН	: 3.7				
Viscosity	: Not ava	ailable.			
Solubility(ies)	:				
Not available.					
Solubility in water	: Not ava	ailable.			
Partition coefficient: n-octanol/ water	: Not app	olicable.			

### Vapor pressure

	Vapor Pressure at 20°C			N	/apor pres	sure at 50°C
Ingredient name	mm Hg	kPa	Method	mm Hg	kPa	Method
methanol	126.96329	16.9				
propan-2-ol	33.00268	4.4				
Naphtha (petroleum), heavy alkylate	0.75006 to 1.50012	0.1 to 0.2				
dimethylammonium chloride	0.000049	0.0000065				
Relative density	: 0.86	36		·		
Density	: 0.86	36 g/cm³ [25	°C (77°F)]			
/apor density	: Not a	available.				
Explosive properties	: Not a	available.				
Dxidizing properties	: Not a	available.				
Particle characteristics						
Median particle size	: Not a	applicable.				

# **SECTION 10: Stability and reactivity**

10.1 Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
10.2 Chemical stability	: The product is stable.
10.3 Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous reactions will not occur.
10.4 Conditions to avoid	: Avoid all possible sources of ignition (spark or flame). Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat or sources of ignition.
10.5 Incompatible materials	: Reactive or incompatible with the following materials: oxidizing materials
10.6 Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

# **SECTION 11: Toxicological information**

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

### Acute toxicity

Product/ingredient name	Result	Species	Dose	Exposure
propan-2-ol	LD50 Dermal	Rabbit	12800 mg/kg	-
	LD50 Oral	Rat	5000 mg/kg	-
rosin	LD50 Oral	Rat	7600 mg/kg	-
methanol	LC50 Inhalation Gas.	Rat	145000 ppm	1 hours
	LC50 Inhalation Gas.	Rat	64000 ppm	4 hours
	LD50 Dermal	Rabbit	15800 mg/kg	-
	LD50 Dermal	Rabbit	15800 mg/kg	-
	LD50 Oral	Mouse	7300 mg/kg	-
	LD50 Oral	Rabbit	14200 mg/kg	-
	LD50 Oral	Rat	5600 mg/kg	-
	LD50 Oral	Rat	6200 mg/kg	-
	LDLo Dermal	Monkey	393 mg/kg	-
	LDLo Oral	Dog	7500 mg/kg	-

### **Conclusion/Summary** : Not available.

### Acute toxicity estimates

Product/ingredient name	Oral (mg/ kg)	Dermal (mg/kg)	Inhalation (gases) (ppm)	Inhalation (vapors) (mg/l)	Inhalation (dusts and mists) (mg/l)
propan-2-ol	5000	12800	N/A	N/A	N/A
rosin	7600	N/A	N/A	N/A	N/A
methanol	100	300	64000	3	N/A

### Irritation/Corrosion

Product/ingredient name	Result	Species	Score	Exposure	Observation				
propan-2-ol	Eyes - Moderate irritant	Rabbit	-	10 mg	-				
	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-				
				mg					
	Eyes - Severe irritant	Rabbit	-	100 mg	-				
	Skin - Mild irritant	Rabbit	-	500 mg	-				
methanol	Eyes - Moderate irritant	Rabbit	-	24 hours 100	-				
				mg					
	Eyes - Moderate irritant	Rabbit	-	40 mg	-				
	Skin - Moderate irritant	Rabbit	-	24 hours 20	-				
				mg					
Conclusion/Summary : Not available.									
Sensitization									
<b>Conclusion/Summary</b>	: Not available.								
Mutagenicity									
<b>Conclusion/Summary</b>	: Not available.								
Carcinogenicity									
Conclusion/Summary	: Human: ISOPROPYL ALCOH	IOL is detected	in mater	nal milk.					
Penroductive toxicity									
Reproductive toxicity									
Conclusion/Summary	: Not available.								
<b>Teratogenicity</b>									
Conclusion/Summary : Not available.									
Specific target organ toxicity	Specific target organ toxicity (single exposure)								

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Flux RA 301				
•		ategory	Poute of	Target organs
			exposure	raiget organs
Flux RA 301 propan-2-ol methanol			- -	Narcotic effects Narcotic effects -
ty (repeated exposi	-		1	
ingredient name			Resul	•
		ASPIRATI		
: Routes of entry	anticipated: Oral,	Dermal, Inl	nalation.	
5				
-	eye irritation.			
: Can cause cent dizziness.	ral nervous syste	m (CNS) de	pression. May ca	use drowsiness or
: May cause an a	llergic skin reaction	on.		
: Can cause cent	ral nervous syste	m (CNS) de	pression.	
sical, chemical and	toxicological c	haracterist	ics	
	Adverse symptoms may include the following: pain or irritation watering			
nausea or vomit headache drowsiness/fatig dizziness/vertigo	ue	the following	g:	
: Adverse sympto irritation redness	oms may include t	the following	<b>j</b> :	
: No specific data	l.			
ts and also chronic	c effects from sh	ort and lor	ig term exposure	
: Not available.				
: Not available				
: Not available.				
: Not available.				
<u>ects</u>				
: Not available.				
: Once sensitized very low levels.	, a severe allergi	c reaction m	ay occur when su	bsequently exposed to
: No known significant effects or critical hazards.				
	<pre>verified in the name ingredient name ingredient name alkylate i Routes of entry i Causes serious i Can cause cent dizziness. i May cause an a i Can cause cent dizziness. i May cause an a i Can cause cent vsical, chemical and i Can cause sympto pain or irritation watering redness i Adverse sympto pain or irritation watering redness i Adverse sympto irritation irritati i</pre>	Categon C	redient name       Category 3 Category 3 Category 1         ty (repeated exposure)         'ingredient name alkylate         alkylate         ASPIRATI         : Routes of entry anticipated: Oral, Dermal, Inl S         : Causes serious eye irritation.         : Can cause central nervous system (CNS) de dizziness.         : May cause an allergic skin reaction.         : Can cause central nervous system (CNS) de dizziness.         : May cause an allergic skin reaction.         : Can cause central nervous system (CNS) de dizziness.         : Adverse symptoms may include the following pain or irritation watering redness         : Adverse symptoms may include the following nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness         : Adverse symptoms may include the following irritation redness         : Not available.         : Once sensitized, a severe allergic reaction m very low levels.	redient name       Category       Route of exposure         Category 3       -         Category 3       -         Category 3       -         Category 1       -         ty (repeated exposure)       -         Ingredient name       Result         alkylate       ASPIRATION HAZARD - Category 1         :       Routes of entry anticipated: Oral, Dermal, Inhalation.         :       Can cause central nervous system (CNS) depression. May category and cares.         :       Can cause central nervous system (CNS) depression. May category and results.         :       Can cause central nervous system (CNS) depression.         :       Adverse symptoms may include the following: nausea or vomiting headache drowsiness/fatigue dizziness/vertigo unconsciousness         :       Adverse symptoms may include the following: irritation redn

:12/11/2023

Version : 1.03

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### **SECTION 11: Toxicological information**

- Mutagenicity
- Reproductive toxicity

No known significant effects or critical hazards.No known significant effects or critical hazards.

### 11.2 Information on other hazards

### **11.2.1 Endocrine disrupting properties**

Not available.

### **11.2.2 Other information**

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

# **SECTION 12: Ecological information**

### 12.1 Toxicity

Product/ingredient name	Result	Species	Exposure
propan-2-ol	Acute EC50 7550 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 1400000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours
	Acute LC50 4200 mg/l Fresh water	Fish - Rasbora heteromorpha	96 hours
methanol	Acute EC50 16.912 mg/l Marine water	Algae - Ulva pertusa	96 hours
	Acute LC50 2500000 µg/l Marine water	Crustaceans - Crangon crangon	48 hours
	Acute LC50 3289 mg/l Fresh water	Daphnia - Daphnia magna - Neonate	48 hours
	Acute LC50 290 mg/l Fresh water Chronic NOEC 9.96 mg/l Marine water	Fish - Danio rerio - Egg Algae - Ulva pertusa	96 hours 96 hours

**Conclusion/Summary** : Not available.

### 12.2 Persistence and degradability

**Conclusion/Summary** : Not available.

#### 12.3 Bioaccumulative potential

Product/ingredient name	LogP <sub>ow</sub>	BCF	Potential
propan-2-ol	0.05	-	low
rosin	1.9 to 7.7	-	high
methanol	-0.77	<10	low

12.4 Mobility in soil	
Soil/water partition coefficient (Koc)	: Not available.
Mobility	: Not available.

#### 12.5 Results of PBT and vPvB assessment

This mixture does not contain any substances that are assessed to be a PBT or a vPvB.

### 12.6 Endocrine disrupting properties

Not available.

#### 12.7 Other adverse effects

No known significant effects or critical hazards.

# **SECTION 13: Disposal considerations**

The information in this section contains generic advice and guidance. The list of Identified Uses in Section 1 should be consulted for any available use-specific information provided in the Exposure Scenario(s).

### **13.1 Waste treatment methods**

Product	
Methods of disposal	: The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction.
Hazardous waste	: The classification of the product may meet the criteria for a hazardous waste.
Packaging	
Methods of disposal	<ul> <li>The generation of waste should be avoided or minimized wherever possible. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible.</li> </ul>
Special precautions	: This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Vapor from product residues may create a highly flammable or explosive atmosphere inside the container. Do not cut, weld or grind used containers unless they have been cleaned thoroughly internally. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

# **SECTION 14: Transport information**

	ADR/RID	ADN	IMDG	IATA
14.1 UN number or ID number	UN1219	UN1219	UN1219	UN1219
14.2 UN proper shipping name	ISOPROPANOL	ISOPROPANOL	ISOPROPANOL	ISOPROPANOL
14.3 Transport hazard class(es)	3	3	3	3
14.4 Packing group	II	11	II	II
14.5 Environmental hazards	No.	No.	No.	No.

Additional information

IATA

: The environmentally hazardous substance mark may appear if required by other transportation regulations.

14.6 Special precautions for user

: **Transport within user's premises:** always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

**14.7 Maritime transport in** : Not available. **bulk according to IMO instruments** 

SECTION 15: Regulatory information			
15.1 Safety, health and environmental regulations/legislation specific for the substance o <u>EU Regulation (EC) No. 1907/2006 (REACH)</u>	r mixture		
Annex XIV - List of substances subject to authorization			
Annex XIV None of the components are listed.			
Substances of very high concern None of the components are listed.			
Annex XVII - Restrictions : Not applicable. on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles			
Other EU regulations			
Industrial emissions : Not listed (integrated pollution prevention and control) - Air			
Industrial emissions : Not listed (integrated pollution prevention and control) - Water			
Ozone depleting substances (1005/2009/EU)			
Not listed.			
Prior Informed Consent (PIC) (649/2012/EU) Not listed.			
Persistent Organic Pollutants Not listed.			
<u>Seveso Directive</u> This product is controlled under the Seveso Directive. <u>Danger criteria</u>			
Category			
P5c			
International regulations Chemical Weapon Convention List Schedules I, II & III Chemicals Not listed.			
Montreal Protocol Not listed.			
Stockholm Convention on Persistent Organic Pollutants Not listed.			
Rotterdam Convention on Prior Informed Consent (PIC)			
Not listed.			
UNECE Aarhus Protocol on POPs and Heavy Metals Not listed.			
Inventory listAustralia: All components are listed or exempted.Canada: All components are listed or exempted.			
Date of issue/Date of revision       : 5/17/2024       Date of previous issue       : 12/11/2023	Version	: 1.03	14/16

# **SECTION 15: Regulatory information**

1	All components are listed or exempted.
:	Russian Federation inventory: All components are listed or exempted.
1	Japan inventory (CSCL): Not determined. Japan inventory (ISHL): Not determined.
:	All components are listed or exempted.
:	All components are listed or exempted.
:	All components are listed or exempted.
:	All components are listed or exempted.
:	Not determined.
:	Not determined.
:	Not determined.
:	All components are listed or exempted.
:	This product contains substances for which Chemical Safety Assessments are still required.

# **SECTION 16: Other information**

 $\checkmark$  Indicates information that has changed from previously issued version.

Abbreviations and acronyms	<ul> <li>ATE = Acute Toxicity Estimate CLP = Classification, Labelling and Packaging Regulation [Regulation (EC) No. 1272/2008] DMEL = Derived Minimal Effect Level DNEL = Derived No Effect Level EUH statement = CLP-specific Hazard statement N/A = Not available PBT = Persistent, Bioaccumulative and Toxic PNEC = Predicted No Effect Concentration RRN = REACH Registration Number SGG = Segregation Group vPvB = Very Persistent and Very Bioaccumulative</li> </ul>

### Procedure used to derive the classification according to Regulation (EC) No. 1272/2008 [CLP/GHS]

Classification	Justification
Flam. Liq. 2, H225	Expert judgment
Eye Irrit. 2, H319	Expert judgment
Skin Sens. 1, H317	Expert judgment
STOT SE 3, H336	Expert judgment
Aquatic Chronic 4, H413	Expert judgment

Full text of abbreviated H statements

H225	Highly flammable liquid and vapor.
H226	Flammable liquid and vapor.
H301	Toxic if swallowed.
H304	May be fatal if swallowed and enters airways.
H311	Toxic in contact with skin.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.
H336	May cause drowsiness or dizziness.
H370	Causes damage to organs.
H413	May cause long lasting harmful effects to aquatic life.

Full text of classifications [CLP/GHS]

### **SECTION 16: Other information**

Acute Tox. 3	ACUTE TOXICITY - Category 3
Aquatic Chronic 4	AQUATIC HAZARD (LONG-TERM) - Category 4
Asp. Tox. 1	ASPIRATION HAZARD - Category 1
Eye Irrit. 2	SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2
Flam. Liq. 2	FLAMMABLE LIQUIDS - Category 2
Flam. Liq. 3	FLAMMABLE LIQUIDS - Category 3
Skin Irrit. 2	SKIN CORROSION/IRRITATION - Category 2
Skin Sens. 1	SKIN SENSITIZATION - Category 1
STOT SE 1	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 1
STOT SE 3	SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE) - Category 3
Date of printing	: 5/17/2024
Date of issue/ Date of	: 5/17/2024
revision	
Date of previous issue	: 12/11/2023
Version	: 1.03

### Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.