Product Name	RUD35-010-3814.21	**Preparation Date**	15.05.2023
		Revision Date	
Form Number	SDS-30	**Revision Number**	0
		Page Number	**1 / 13**

According to regulation "Safety data sheets for hazardous substances and mixtures (RG:29204 – 13.12.2014)".

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name:

RUD35-010-3814.21

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

Identified uses It is used as thinner in paint.
It is used as a solvent to clean application tools.

Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet

Company Name: Sate Gıda and Kimya Sanayi and Tic. Ltd. Şti.
Address: Kemalpaşa OSB 505 Sokak No:233 35730 Kemalpaşa / İzmir

Relevant person: Hanife VARDAR SEZGİN
e-mail: info@rudisexport.com.tr

1.4. Emergency telephone number: 114(UZEM)

2. HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Physical hazards Flam. Liq. 2 – H225

Health hazards Acute Tox. 3 – H301
Acute Tox. 3 – H311
Acute Tox. 3 – H331
Eye Irrit. 2 – H319
STOT SE 1 – H370

Environmental hazards Not Classified

2. HAZARD IDENTIFICATION (Continued)

2.2. Label elements

Pictogram



Signal word: Danger.

Hazard statements

H225: Highly flammable liquid and vapour.
H301: Toxic if swallowed.
H311: Toxic in contact with skin.
H331: Toxic if inhaled.
H319: Causes serious eye irritation.
H370: Causes damage to organs.

Precautionary statements

Prevention

P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233: Keep container tightly closed.
P240: Ground and bond container and receiving equipment.
P241: Use explosion-proof [electrical/ventilating/lighting/ …] equipment.
P242: Use non-sparking tools.
P243: Take action to prevent static discharges.
P260: Do not breathe dust/fume/ gas/mist/vapours/spray.
P261: Avoid breathing dust/fume/gas/mist/vapours/spray.
P264: Wash your skin thoroughly after handling.
P270: Do not eat, drink or smoke when using this product.
P271: Use only outdoors or in a well-ventilated area.
P280: Wear protective gloves/ protective clothing/eye protection/face protection.

Response

P311: Call a POISON CENTER or doctor/physician.
P312: Call a POISON CENTER or doctor/physician if you feel unwell.
P321: Specific treatment (see … on this label).
P322: Specific measures (see … on this label).
P330: Rinse mouth.
P361: Remove/Take off immediately all contaminated clothing.
P363: Wash contaminated clothing before reuse.

2. HAZARD IDENTIFICATION (Continued)

P301+P310: IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P302+P352: IF ON SKIN: Wash with plenty of soap and water.
P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P307+P311: IF exposed: Call a POISON CENTER or doctor/physician.
P337+P313: If eye irritation persists: Get medical advice/attention.
P370+P378: In case of fire: if water increases risk, use manufacturer/supplier to specify appropriate media to extinguish.
P303+P361+P353: IF ON SKIN (or hair): Remove/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.

Storage

P405: Store locked up.
P403+P233:
P403+P235: Store in a well-ventilated place. Keep cool.

Disposal
P501: Dispose of contents/container in accordance with national regulations.

2.3. Other hazards

EUH066: Repeated exposure may cause skin dryness or cracking.

3. COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Mixtures

Substance	CAS No	EC No	Conc. (%)	Classification	
				Hazard Class and Category Code(s)	Hazard statement Code(s)
Methanol	67-56-1	200-659-6	30 – 40	Flam. Liq. 2 Acute Tox. 3 Acute Tox. 3 Acute Tox. 3 STOT SE 1	H225 H301 H311 H331 H370
2-methylpropyl acetate	110-19-0	203-745-1	15 – 25	Flam. Liq. 2	H225
1-butanol 3 methyl acetate	123-92-2	204-662-3	15 – 25	Flam. Liq. 3	H226
Ethyl Acetate	141-78-6	205-500-4	10 – 20	Flam. Liq. 2 Eye Irrit. 2 STOT SE 3	H225 H319 H336

4. FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation
Remove victim to fresh air, away from the accident scene. Maintain an open airway. Loosen tight clothing such as collar, tie or belt. When breathing is difficult, properly trained personnel may assist affected person by administering oxygen. Place unconscious person on their side in the recovery position and ensure breathing can take place. Get medical attention.

Skin contact
Wash skin thoroughly with soap and water. Remove contaminated clothing. Get medical advice/attention.

Eye contact
Rinse immediately with plenty of water. Do not rub eye. Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes and get medical attention. Get medical attention if any discomfort continues.

Ingestion
Rinse mouth thoroughly with water. Stop if the affected person feels sick as vomiting may be dangerous. Never give anything by mouth to an unconscious person. Place unconscious person on their side in the recovery position and ensure breathing can take place. Keep affected person under observation. Get medical attention. Do not induce vomiting. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention immediately.

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

For symptoms and effects, both acute and delayed, see chap. 2 and 11.

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

Treat symptomatically.

5. FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguish with alcohol-resistant foam, carbon dioxide, dry powder or water fog. Use fire-extinguishing media suitable for the surrounding fire.
Do not use water jet as an extinguisher, as this will spread the fire.

5.2. Special hazards arising from the substance or mixture

Containers can burst violently or explode when heated, due to excessive pressure build-up. Flammable liquid and vapour. Vapours may be ignited by a spark, a hot surface or an ember. Vapours may form explosive mixtures with air. Fire-water run-off in sewers may create fire or explosion hazard.

5. FIREFIGHTING MEASURES (Continued)

Do not breathe combustion products. Thermal decomposition or combustion products may include the following substances: CO, CO_2, etc. harmful gases or vapours.

5.3. Advice for firefighters

Evacuate area. Keep upwind to avoid inhalation of gases, vapours, fumes and smoke. Ventilate closed spaces before entering them. Cool containers exposed to heat with water spray and remove them from the fire area if it can be done without risk. Cool containers exposed to flames with water until well after the fire is out. If a leak or spill has not ignited, use water spray to disperse vapours and protect men stopping the leak. Control run-off water by containing and keeping it out of sewers and watercourses. If risk of water pollution occurs, notify appropriate authorities.
Wear positive-pressure self-contained breathing apparatus and appropriate protective clothing.

6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Evacuate area. No smoking, sparks, flames or other sources of ignition near spillage. Provide adequate ventilation. Use suitable respiratory protection if ventilation is inadequate. Wear protective clothing as described in Section 8 of this safety data sheet. Promptly remove any clothing that becomes contaminated.

6.2. Environmental precautions

The product must not penetrate into the sewer system or come into contact with surface water or ground water.

6.3. Methods and material for containment and cleaning up

Wear protective clothing as described in Section 8 of this safety data sheet. Clear up spills immediately and dispose of waste safely. Eliminate all ignition sources if safe to do so. No smoking, sparks, flames or other sources of ignition near spillage. Do not allow material to enter confined spaces, due to the risk of explosion. Absorb small quantities with paper towels and evaporate in a safe place. Once evaporation is complete, place paper in a suitable waste disposal container and seal securely. Flush contaminated area with plenty of water. Wash thoroughly after dealing with a spillage. For waste disposal, see Section 13.

6.4. Reference to other sections.

Any information on personal protection and disposal is given in sections 8 and 13.

7. HANDLING AND STORAGE

7.1. Precautions for safe handling

Read and follow manufacturer's recommendations. Wear protective clothing as described in Section 8 of this safety data sheet. Keep away from food, drink and animal feeding stuffs. Handle all packages and containers carefully to minimise spills. Keep container tightly sealed when not in use. The product is flammable. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Suspected of damaging the unborn child. Pregnant or breastfeeding women should not work with this product if there is any risk of exposure. Do not handle until all safety precautions have been read and understood.

Wash promptly if skin becomes contaminated. Take off contaminated clothing. Wash contaminated clothing before reuse.

7.2. Conditions for safe storage, including any incompatibilities

Store locked up. Keep away from oxidising materials, heat and flames. Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep containers upright. Protect containers from damage.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Occupational exposure limits

EINECS (1)	CAS (2)	Substance	Occupational exposure limits				Special sign (3)
			TWA (4) (8 hour)		STEL (5) (15 min.)		
			mg/m³	ppm	mg/m³	ppm	
200-659-6	67-56-1	Methanol	260	200	-	-	skin
204-662-3	123-92-2	1-butanol 3 methyl acetate	270	50	540	100	-

There are no limit values for the constituents of the mixture.

(1) EINECS : European inventory of existing commercial chemical substances.
(2) CAS : Chemical abstracts service.
(3) Special sign : "The skin" mark indicates that a significant amount pass through the body by skin contact.
(4) TWA : Time weighted average.
(5) STEL : A short-term exposure limit.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION (Continued)

8.2. Exposure controls

Appropriate engineering controls
As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.
Observe any occupational exposure limits for the product or ingredients.
Personal protective equipment must be CE marked, showing that it complies with applicable standards.
Provide an emergency shower with face and eye wash station.
Exposure levels must be kept as low as possible to avoid significant build-up in the organism. Manage personal protective equipment so as to guarantee maximum protection (e.g. reduction in replacement times).

Personal protective equipment



Eye/face protection

Wear tight-fitting, chemical splash goggles or face shield. If inhalation hazards exist, a full-face respirator may be required instead.

Respiratory protection

Ensure all respiratory protective equipment is suitable for its intended use and is 'CE'-marked. Check that the respirator fits tightly and the filter is changed regularly.

Skin/hand/foot protection

Wear appropriate clothing to prevent repeated or prolonged skin contact.
For users with sensitive skin, it is recommended that suitable protective gloves are worn. The most suitable glove should be chosen in consultation with the glove supplier/manufacturer, who can provide information about the breakthrough time of the glove material.

Environmental exposure controls
The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance: Liquid
Odour: Characteristic
pH: 6
Colour: Light Yellow
Melting point: Not available
Initial boiling point and range: 65 – 143 ºC
Flash point: <23 ºC
Evaporation rate: Not available
Vapour pressure: Not available
Vapour density: Not available
Relative density: 0.820 – 0.880 g/cm^3
Solubility: Slightly soluble in water
Log Pow (Partition coefficient): Not available
Auto-ignition temperature: Not available
Decomposition Temperature: Not available
Viscosity: Not available
Explosive/ Oxidising properties: Not considered to be explosive. Does not meet the criteria for classification as oxidising.

9.2. Other information

Information not available

10. STABILITY AND REACTIVITY

10.1. Reactivity

There are no particular risks of reaction with other substances in normal conditions of use.

10.2. Chemical stability

Stable at normal ambient temperatures and when used as recommended. Stable under the prescribed storage conditions (see chap.7).

10.3. Possibility of hazardous reactions

The following materials may react strongly with the product: Oxidising agents.

10. STABILITY AND REACTIVITY (Continued)

10.4. Conditions to avoid

Avoid heat, flames and other sources of ignition. Containers can burst violently or explode when heated, due to excessive pressure build-up. Static electricity and formation of sparks must be prevented.

10.5. Incompatible materials

Strong acids, strong bases and oxidising materials.

10.6. Hazardous decomposition products

Does not decompose when used and stored as recommended. Thermal decomposition or combustion products may include the following substances: Harmful gases or vapours.

11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

In terms of toxicity properties, there is no experimental information on the mixture itself.

Acute toxicity:
Toxic if swallowed. Toxic in contact with skin. Toxic if inhaled.

Skin corrosion/irritation:
Causes skin irritation.

Serious eye damage/irritation:
Causes serious eye irritation.

Respiratory/skin sensitisation:
Based on available data the classification criteria are not met. For more information see chap. 3.

Germ cell mutagenicity:
Based on available data the classification criteria are not met. For more information see chap. 3.

Carcinogenicity:
Based on available data the classification criteria are not met. For more information see chap. 3.

Reproductive toxicity:
Based on available data the classification criteria are not met. For more information see chap. 3.

Specific target organ toxicity - single exposure:
Causes damage to organs.

Specific target organ toxicity - repeated exposure:
Based on available data the classification criteria are not met. For more information see chap. 3.

Aspiration hazard:
May be fatal if swallowed and enters airways.

11. TOXICOLOGICAL INFORMATION (Continued)

11.2. Additional information

Substance	CAS No	Acute toxicity		Species
Methanol	67-56-1	LDLO oral	143 mg/kg	Human
		LD50 dermal	17100 mg/kg	Rabbit
		LC50 inhalation	131,25 mg/L (4 h)	Rat
2-methylpropyl acetate	110-19-0	LD50 oral	13413 mg/kg	Rat
		LD50 dermal	17400 mg/kg	Rabbit
		LC50 inhalation	---	---
1-butanol 3 methyl acetate	123-92-2	LD50 oral	7400 mg/kg	Rabbit
		LD50 dermal	5000 mg/kg	Rat
		LC50 inhalation	---	---
Ethyl Acetate	141-78-6	LD50 oral	5620 mg/kg	Rat
		LD50 dermal	>18000 mg/kg	Rabbit
		LC50 inhalation	5,86 mg/L (8 h)	Rat

12. ECOLOGICAL INFORMATION

Not regarded as dangerous for the environment.

Acute aquatic hazard: Not Classified
Chronic aquatic hazard: Not Classified

12.1. Ecotoxicity

Substance	Acute Toxicity		Genus	Species
Methanol CAS: 67-56-1	LC50	15400 mg/L (96 h)	Lepomis macrochirus	Fish
	EC50	>10000 mg/L (72 h)	Daphnia magna	Invertebrates
	EC50	22000 mg/L (96 h)	Pseudokirchneriella subcapitata	Algea
2-methylpropyl acetate CAS: 110-19-0	LC50	17 mg/L (96 h)	Oryzias latipes	Fish
	EC50	25 mg/L (48 h)	Daphnia magna	Invertebrates
	EC50	397 mg/L (72 h)	Pseudokirchneriella subcapitata	Algea
1-butanol 3 methyl acetate CAS: 123-92-2	LC50	22-46 mg/L (96 h)	Danio rerio	Fish
	EC50	42 mg/L (48 h)	Daphnia magna	Invertebrates
	EC50	>100 mg/L (72h)	Desmodesmus subspicatus	Algea
Ethyl Acetate CAS: 141-78-6	LC50	230 mg/L (96 h)	Pimephales promelas	Fish
	EC50	717 mg/L (48 h)	Daphnia magna	Invertebrates
	EC50	3300 mg/L (48 h)	Desmodesmus subspicatus	Algea

12. ECOLOGICAL INFORMATION (Continued)

12.2. Persistence and degradability

The degradability of the product is not known.

12.3. Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

The product is partly soluble in water and may spread in the aquatic environment. Volatile liquid. The product contains organic solvents which will evaporate easily from all surfaces.

12.5. Results of PBT and vPvB assessment

This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

It does not contain a substance which is subject to control or which is prohibited to use in accordance with the "Regulation on reduction in the consumption of ozone-depleting substances (RG: 27052; 29314)".

Avoid throwing it around.

13. DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Spillage, neutralized waste, waste product, contaminated soil must be disposed of in accordance with local and central legal regulations.

It should not be discharged to the surface water and the usage water system.

Regulation on waste management (RG:29314; 02.04.2015).

14. TRANSPORT INFORMATION



14.1. UN number: UN1993

14.2. UN proper shipping name: UN1993 FLAMMABLE LIQUID, B.B.B.

14.3. Transport hazard class(es): 3

14.4. Packing group: II

14.5. Environmental hazards: No

Marine pollutant: No

14.6. Special precautions for user

274, 601, 640E

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

Not applicable.

15. REGULATORY INFORMATION

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

National legislations

Classification, labelling and packing of substances and mixtures (RG:28848; 11.12.2013).

Safety data sheets for hazardous substances and mixtures (RG:29204; 13.12.2014).

Prevention of major industrial accidents and reduction of its effects (RG:28867; 30.12.2013).

Health and safety precautions in the use of chemicals at work (RG:28733; 12.08.2013).

The use of personal protective equipment at workplaces (RG:28695; 02.07.2013).

The carriage of dangerous substances by road (RG:28801; 24.10.2013).

Waste management (RG:29314; 02.04.2015).

Reduction in the consumption of ozone-depleting substances (RG:27052; 12.11.2008).

EU legislation

Regulation no 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures.

16. OTHER INFORMATION

Revision

This SDS was prepared on 15.05.2023 in accordance with the regulation no: 29204/13.12.2014 of "Safety data sheets for hazardous substances and mixtures".

Key Information Sources

This SDS is based on the information in Annex 6 of the regulation for "Classification, labelling and packing of substances and mixtures (RG:28848; 11.12.2013)".
http://www.resmigazete.gov.tr/
http://kimyasallar.csb.gov.tr/

Abbreviations

CAS	Chemical Abstracts Service
EC	European Commission Number
EUH	Additional Hazard Statements
SDS	Safety Data Sheet
PBT	Persistent, Bioaccumulative and Toxic
vPvB	Very Persistent and very Bioaccumulative
RG	Official Journal
UN	The United Nations
UZEM	National poison centre
Flam. Liq.	Flammable Liquid
Acute Tox.	Acute Toxicity
STOT SE	Specific Target Organ Toxicity - Single Exposure
Skin Irrit.	Skin Irritation
Eye Irrit.	Eye Irritation

Hazard statements

The listed statements are not related to the product itself, only for information purposes, and it concerns the individual components as shown in Chapter 3.

H226 (Flam. Liq. 3): Flammable liquid and vapour.
H336 (STOT SE 3): May cause drowsiness or dizziness.

EUH066 – " Repeated exposure may cause skin dryness or cracking."

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