MATERIAL SAFETY DATA SHEET

in accordance with Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 (REACH), Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 and Comission Regulation (EU) No 2020/878 of 18 June 2020

Fragrance Aroma fixer RKS 84302

Version No. EN 6 **Dated: 14.10.2024.**
Printed: 24-01-25

IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING:

1.1. Product identifier:

MIXTURE IDENTIFICATION:	Fragrance, flavour, auto cosmetology, industrial and home chemistry
TRADE NAME:	Fragrance Aroma fixer RKS 84302
Product number	84302

1.2. RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST:

RECOMMENDED USE:	Aromatic ingredient for household chemicals and cosmetics. Manufacturing use only, not for direct consumption as such.
USES ADVISED AGAINST	Do not use in food.

1.3. DETAILS OF THE SUPPLIER OF THE SAFETY DATA SHEET:

COMPETENT PERSON RESPONSIBLE FOR THE MATERIAL SAFETY DATA SHEET:	"Aroma Ukraine" Ltd.
ADDRESS OF THE SUPPLIER:	Ukraine, 54018, Mykolaiv; Bogoyavlensky Avenue, 47, off. 3
TELEPHONE NUMBER OF THE SUPPLIER:	+38 (0512) 23-23-28
E-MAIL OF THE SUPPLIER:	office@aromaukraine.com

1.4. EMERGENCY CONTACTS:

IN CASE OF INTOXINCATION:

LATVIA - State fire and rescue service: (+371) 112; (+371) 113;
The national poison information center: +371 67042468;
GERMANY - International emergency number: +49 180 2273-112.
Transport Emergency phone number: (24 h service),
phone: +49 621 60-43333;
UNITED KINGDOM - National Poisons Information Service (24 h service),
phone: +44 (0) 844-892-0111 (UK only);
FRANCE - INRS FRANCE: phone: +33 (0)1 45 42 59-59.
FOR OTHER EU COUNTRIES, please consult:
http://echa.europa.eu/help/nationalhelp_contact_en.asp

SECTION 2 - HAZARDS IDENTIFICATION

2.1. CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

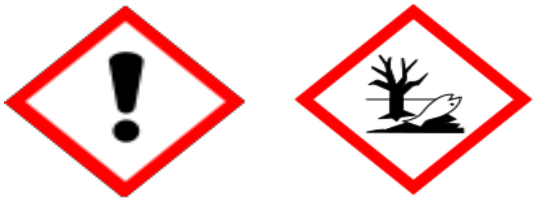
Classification according to regulation (EC) No 1272/2008 (CLP)

Product definition	Mixture	
	Skin Sens. 1B. May cause an allergic skin reaction.	H317
	Eye Irrit. 2. Causes serious eye irritation.	H319
	Aquatic Chronic 2	H411

2.2. LABEL ELEMENTS

Labelling according to Regulation (EC) (CLP)

Hazard pictograms:



Signal word Warning

Hazard statements

H317	Skin Sens. 1B. May cause an allergic skin reaction.
H319	Eye Irrit. 2. Causes serious eye irritation.
H411	Aquatic Chronic 2

Precautionary statements (Prevention and Intervention)

P261	Avoid breathing dust/fumes/gas/mist/vapours/spray. [As modified by IV ATP]
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection. [As modified by IV ATP]
P264	Wash thoroughly after handling.
P273	Avoid release to the environment.

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

3.1 SUBSTANCES: Mixture of natural, nature identical and synthetic aromatic products.

3.2 MIXTURES: Mixture of natural and synthetic aromatic ingredients.

CAS : EINECS :

3.2 Hazardous components:

INGREDIENTS	%	CAS No. / EC No. Index No. / REACH No.	Classification REGULATION (EC) No 1272/2008
Benzyl Benzoate	<67%	CAS No. 120-51-4 EC No. 204-402-9 Index No. REACH No.01-2119976371-33-xxxx	Aquatic Chronic 2:H411 Acute Tox. 4 ORAL H302 :H302 Aquatic Acute 1:H400
Iso E Super	<10%	CAS No. 54464-57-2 EC No. 259-174-3 Index No. REACH No.	Aquatic Chronic 2:H411 Skin Sens. 1:H317 Skin Irrit. 2:H315 Eye Irrit. 2:H319
Musk 50 IPM	<10%	CAS No. 1222-05-5 EC No. 214-946-9 Index No.603-212-00-7 REACH No.01-2119488227-29-xxxx	Aquatic Chronic 1:H410 Aquatic Acute 1:H400 M Chr=1
Ethylene Brassylate	<6%	CAS No. 105-95-3 EC No. 203-347-8 Index No. REACH No.01-2119976314-33-xxxx	Aquatic Chronic 3 :H412
Benzyl Salicylate	<5%	CAS No. 118-58-1 EC No. 204-262-9 Index No. REACH No.01-2119969442-31-xxxx	Skin Sens. 1B:H317 Eye Irrit. 2:H319 Aquatic Chronic 3 :H412
Musk Ketone	<2%	CAS No. 81-14-1 EC No. 201-328-9 Index No. REACH No.01-2120766629-37-xxxx	Aquatic Chronic 1:H410 Aquatic Acute 1:H400 Carc. 2 :H351

SECTION 4 - FIRST-AID MEASURES

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues

Ingestion	Rinse mouth thoroughly with water. Give plenty of water to drink. Get medical attention immediately.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if symptoms are severe or persist after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information	Persons suffering from asthma, eczema or skin problems should avoid contact, including dermal contact, with this product. See Section 11 for additional information on health hazards.

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

Notes for the doctor No specific recommendations.

SECTION 5 - FIRE-FIGHTING MEASURES

5.1 Extinguishing media:

Suitable extinguishing media	Extinguish with the following media: Foam, carbon dioxide or dry powder.
Unsuitable extinguishing media	Water.

5.2. Special hazards arising from the substance or mixture

Specific hazards	Toxic gases or vapours

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5.3. Advice for firefighters

Protective actions during firefighting	Containers close to fire should be removed or cooled with water.
Special protective equipment for firefighters	Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions	Wear suitable protective equipment, including gloves, goggles/face shield, respirator, boots,clothing or apron, as appropriate. No smoking, sparks, flames or other sources of ignition near spillage.

6.2. Environmental precautions

Environmental precautions	Do not discharge into drains or watercourses or onto the ground.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up	Keep combustible materials away from spillage. Eliminate all sources of ignition. Provide adequate ventilation. Contain and absorb spillage with sand, earth or other non-combustible material. The contaminated absorbent may pose the same hazard as the spilled material. Collect and place in suitable waste disposal containers and seal securely. Label the containers containing waste and contaminated materials and remove from the area as soon as possible. Wash thoroughly after dealing with a spillage

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions	Wear protective clothing as described in Section 8 of this safety data sheet. Avoid contact with skin, eyes and clothing.
Advice on general occupational hygiene	Do not eat, drink or smoke when using this product. Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions	Store in tightly-closed, original container in a dry, cool and well-ventilated place. Keep away from heat, sparks and open flame. Protect from freezing and direct sunlight

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters:

Occupational exposure limits: Occupational exposure limits have not been established for this product. Derived no-effect levels (DNEL) have not been established for this product. Predicted no-effect concentrations (PNEC) have not been established for this product.

Workplace exposure limits:

INGREDIENTS	CAS No	TWA, 8 hours

* Republic of Latvia Cabinet Regulation No. 325 Adopted 15 May 2007 - Labour Protection Requirements when Coming in Contact with Chemical Substances at Workplaces

ADDITIONAL INFORMATION:

Information valid at the time of review of safety data sheet.

8.2. EXPOSURE CONTROLS:

ENGINEERING MEASURES: Comply with standard precautionary measures for working with chemicals. See Directive 2004/37/EG on the protection of workers from the risks related to exposure to carcinogens or mutagens at work.

HYGIENIC MEASURES: When using do not eat, drink or smoke.



GENERAL PROTECTIVE AND HYGIENIC MEASURES:	Avoid contact with the eyes. Wash hands during work breaks and at the end of the shift. Provide skin protection plan.
RESPIRATORY PROTECTION:	Avoid excessive inhalation of concentrated vapors. Ensure adequate ventilation. If workers are exposed to high concentrations, they must use appropriate, certified respirators. Wear suitable respiratory protection in case of large scale exposure. Suitable facemask in accordance with EN 140.
BODY PROTECTION:	Protective clothing. Safety showers should be available in the immediate vicinity of any potential exposure. Wear appropriate protective clothing, overalls or suit, and similar boots in accordance with EN 365/367.
EYE PROTECTION:	Wear appropriate safety glasses with side shields, in accordance with EN 166, when there is danger of possible eye contact. Emergency eye wash fountains should be available in the immediate vicinity of any potential exposure.
Hygiene measures	No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.
HAND PROTECTION:	Chemical protective gloves according to DIN EN 374 with CE-labelling. Suitable material - nitril. 0.13 mm. Indication of permeation breakthrough time – 1 hour. Check the condition of protective gloves after each use for any damages like holes, cuts or tears. Do not wear protective gloves longer than necessary. After use of gloves apply skin-cleaning agents and skin cosmetics. Gloves for mechanical protection do not provide protection against chemicals.
RISK MANAGEMENT MEASURES:	The operators shall be instructed adequately. The workplace shall be inspected regularly by competent personnel e.g. the safety representative.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Homogeneous transparent liquid , opalescence is allowed.
AUTOIGNITION TEMPERATURE	No spontaneous combustion
BOILING POINT:	
COLOUR	From colorless to brown
DECOMPOSITION TEMPERATURE:	No data available
DENSITY, 20 °C:	0.9 – 1.6 g/cm³
FLASH POINT:	> 61 °C
FREEZING POINT:	No data available
FREEZING POINT:	No data available

KINEMATIC VISCOSITY	No data available
LOWER AND UPPER EXPLOSIVE LIMITS	Not explosive
MELTING POINT/MELTING RANG:	< 0 °C
ODOUR	Fragrance description
PARTITION COEFFICIENT N OCTANOL/WATER (LOG MEAN)	No data available
pH	No data available
RELATIVE VAPOR DENSITY	
SOLUBILITY IN ALCOHOL:	Soluble
SOLUBILITY IN WATER:	Limited solubility
VAPOR PRESSURE	No data available

9.2. OTHER INFORMATION: No data available

SECTION 10: STABILITY AND REACTIVITY

10.1. REACTIVITY: The product is stable and relatively inert under normal conditions of use, storage and transport.

10.2. CHEMICAL STABILITY: Under the conditions of use specified in Section 7, the product is stable.

10.3. POSSIBILITY OF HAZARDOUS REACTION: Under normal conditions of use, there is no information on dangerous reactions.

10.4. CONDITIONS TO AVOID: Contact with incompatible materials.

10.5. INCOMPATIBLE MATERIALS: Strong acids, strong bases, strong oxidants.

10.6. HAZARDOUS DECOMPOSITION PRODUCTS: No decomposition product of storage and handling conditions are followed. In case of fire, hazardous gases may form.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

SKIN CONTACT

Acute toxy Not classified – based on available data, the classification criteria are not met.

Corrosion/irritation Classified as Serious eye damage/eye irritation, Hazard Category 2 , Eye.Irrit.2 ≤10%.

Sensitisation Not classified – based on available data, the classification criteria are not met.

Carcinogenicity Classified as Not classified – based on available data, the classification criteria are not met, .

Mutagenicity Not classified – based on available data, the classification criteria are not met.

INHALATION

Acute toxy Calculated ATEmix (LC50) = 1 492,54 mg/l. Ingredients of unknown toxicity: 100 %.20 < ATEmix > ∞ mg/l. Is classified as Not Classified

Corrosion/irritation Classified as Serious eye damage/eye irritation, Hazard Category 2 , Eye.Irrit.2 ≤10%.

Sensitisation Not classified – based on available data, the classification criteria are not met.

Carcinogenicity Classified as Not classified – based on available data, the classification criteria are not met, .

Mutagenicity Not classified – based on available data, the classification criteria are not met.

INGESTION

Acute toxy	Calculated ATEmix (LD50) = 2 985,07 mg/kg. Ingredients of unknown toxicity: 0 %.2 000 < ATEmix > ∞ mg/kg. Is classified as Not Classified
Sensitisation	Not classified – based on available data, the classification criteria are not met.
Carcinogenicity	Classified as Not classified – based on available data, the classification criteria are not met, .
Mutagenicity	Not classified – based on available data, the classification criteria are not met.
Reprotoxicity	Classified as Not classified – based on available data, the classification criteria are not met.

EYE CONTACT

Corrosion/irritation	Classified as Not classified – based on available data, the classification criteria are not met.

Toxicological information:

Ingredients Name:	CAS No.	LD50 (oral)	LD50 (Dermal)	LC50 (Inhalation)
Benzyl Benzoate	120-51-4	2 000 mg/kg		

11.2. PRIMARY IRRITANT EFFECT:

11.2.1 ENDOCRINE DISRUPTING PROPERTIES: Musk 50 IPM,Benzyl Salicylate

11.3. SENSITISATION:	Classified as Skin Sens. 1B.
11.4 CHRONIC EFFECT:	Not classified – based on available data, the classificatior
11.5 TARGET ORGANS:	Not classified – based on available data, the classificatior
11.6. CARCINOGENICITY:	Not classified – based on available data, the classificatior
11.7. MUTAGENICITY:	Not classified – based on available data, the classificatior
11.8. REPROTOXICITY:	Not classified – based on available data, the classificatior

SECTION 12: ECOLOGICAL INFORMATION

12.1. TOXICITY:

No ecotoxicological research has been carried out on this product.

Ecotoxicity - Toxic to aquatic organisms: (M × 10 × Chronic Category 1) + Chronic Category 2 ≥ 25 % =177 ≥ 25 ⇒Hazardous to the aquatic environment — Chronic Category 2

Ingredients Toxicity:

AQUATIC TOXICITY:

Benzyl Benzoate	
120-51-4	
EC50/72H	311 (Aquatic algae and cyanoba)
LC50/48 H	7,77 mg/l(Aquatic invertebrates)
EC50/48 H	3,09 mg/l(Aquatic invertebrates)
LC50/24H	11 mg/l(Aquatic invertebrates)
LC50/96 H	2,32 mg/l(Fish)
EC50/24H	4,26 mg/l(Fish)
Musk 50 IPM	
1222-05-5	
EC50/72H	854 µg/L(Aquatic algae and cyanoba)
EC50/48 H	300 µg/L(Aquatic invertebrates)
LC50/96 H	950 µg/L(Fish)
Ethylene Brassylate	
105-95-3	

EC50/72H	14,579 mg/l(Aquatic algae and cyanoba)
EC50/96 H	788 (Aquatic algae and cyanoba)
LC50/48 H	2,67 mg/l(Aquatic invertebrates)
LC50/96 H	2,13 mg/l(Fish)
Benzyl Salicylate	
118-58-1	
EC50/72H	1,29 mg/l(Aquatic algae and cyanoba)
LC50/48 H	2,25 mg/l(Aquatic invertebrates)
EC50/48 H	1,16 mg/l(Aquatic invertebrates)
EC50/24H	1,21 mg/l(Aquatic invertebrates)
LC50/24H	4,34 mg/l(Aquatic invertebrates)
LC50/96 H	1,03 mg/l(Fish)
Musk Ketone	
81-14-1	
EC50/72H	118 µg/L(Aquatic algae and cyanoba)
EC50/48 H	432 µg/L(Aquatic invertebrates)
EC50/24H	432 µg/L(Aquatic invertebrates)
LC50/96 H	385 µg/L(Fish)
LC50/48 H	385 µg/L(Fish)
LC50/24H	385 µg/L(Fish)
LC50/72H	385 µg/L(Fish)

12.2. PERSISTENCE AND DEGRADABILITY: May cause long-term adverse effects in the aquatic environment.

ASSESSMENT BIODEGRADATION AND ELIMINATION: No data available

12.3. BIOACCUMULATIVE POTENTIAL No further relevant information available. Low potential for bioaccumulation: (log Powcalculated = 0)

Chemical Name	CAS No.	Partition Coefficient

12.4. MOBILITY IN SOIL: The product is partially soluble in water. Adsorbs to soil and has low mobility.

GENERAL NOTES: Sewages that contain this product may not be released into the aquatic environment without preliminary treatments.

12.5. RESULTS OF PBT UN vPvB ASSESSMENT: This mixture does not contain substances that meet the PBT or vPvB criteria of REACH, annex XIII.

12.6. ENDOCRINE DISRUPTING PROPERTIES: Musk 50 IPM,Benzyl Salicylate

12.7. OTHER ADVERSE EFFECTS:

Global Warming Potential Do not may contribute to the greenhouse effect.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1. WASTE TREATMENT METHODS:

Dispose of in accordance with local and national regulations.

Product residues: Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues, impregnated wipes and non-empty pack as hazardous waste.

Additional warning: None.

European waste catalogue: Dispose hazardous waste in accordance with Directive 91/689/EEC under acknowledgement of a waste code according to Commission Decision 2000/532/EC to an official chemical waste depot.

Local legislation: Disposal should be in accordance with applicable regional, national, and local laws and regulations. Local regulations may be more stringent than regional or national requirements and must be complied with.

EUROPEAN WASTE CATALOGUE	
EWC CODE	Description
07	Wastes from organic chemical processes:
07 07	wastes from the MFSU of fine chemicals and chemical products not otherwise specified
07 07 99	wastes not otherwise specified

CONTAMINATED PACKAGING: Do not dispose empty pack with waste produced by households. Containers may be recycled. Treat product residues, impregnated wipes and non-empty pack as hazardous waste.

RECOMMENDATION: Avoid release to the environment.

SECTION 14. TRANSPORT INFORMATION:

14.1. UN number	UN 3082
14.2. UN proper shipping name	UN 3082 Environmentally hazardous substance, liquid, N.O.S. (Allyl Heptanoate, 7-Acetyl-1,1,3,4,4,6-Hexamethylietraline)
14.3. TRANSPORT HAZARD CLASS (ES):	9
ADR, IATA, IMDG CLASS	
DANGER LABEL:	9
14.4. PACKING GROUP:	III
ADR, IATA, IMD	
14.5. ENVIRONMENTAL HAZARDS:	Yes
MARINE POLLUTANT	
14.6. SPECIAL PRECAUTIONS FOR USER:	Read MSDS and emergency procedures before handling
14.7. TRANSPORT IN BULK	Not established.
ACCORDING TO ANNEX II OF MARPOL 73/78 AND THE IBC CODE:	Packaged liquids are not considered bulk.

SECTION 15: REGULATORY INFORMATION

15.1. SAFETY, HEALTH AND ENVIROMENTAL REGULATIONS/LEGISLATION SPECIFIC FOR THESUBSTANCE OR MIXTURE:	REGULATION (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC. DIRECTIVE 2006/11/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 15 February 2006 on pollution caused by certain dangerous substances discharged into the aquatic environment of the Community. REGULATION (EC) No 1272/2008 (CLP) of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006. COMISSION REGULATION (EU) No 2015/830 of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the REACH.
INFORMATION ABOUT LIMITATION OF USE:	Take note of Directive 94/33/EC on the protection of young people at work. Take note of Directive 92/85/EC on the safety and health of pregnant women at work.
15.2. CHEMICAL SAFETY ASSESSMENT:	Not applicable.

SECTION 16: OTHER INFORMATION

Full text of the classifications, including the indication of danger, the hazard symbols and the hazard statements, mentioned in section 2 or 3:

Revisions are mentionned by a black stroke in left margin.

H302	Harmful if swallowed.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation
H319	Causes serious eye irritation.
H351	Suspected of causing cancer <state route of exposure if it is conclusively proven that no other rout
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
H411	Toxic to aquatic life with long lasting effects.
H412	Harmful to aquatic life with long lasting effects.
P261	Avoid breathing dust/fumes/gas/mist/vapours/spray. [As modified by IV ATP]
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection. [As modified by IV ATP]
P501	Dispose of contents/container according to local, regional, national, territorial, provincial, and international regulation.

ABBREVIATIONS AND ACRONYMS:

PBT: Persistent, bioaccumulative, toxic

vPvB: Very persistent, very bioaccumulative

EC: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

ADR: European Agreement concerning the International Carriage of Dangerous Goods

IATA: International Air Transport Association

IMDG: International Maritime Code for Dangerous Goods

LC50: Median (50 %) lethal concentration

LD50: Median (50%) lethal dose

EC50: Effective concentration, 50 percent

CLP: Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and Mixtures

ECHA: European Chemicals Agency, Helsinki (http://echa.europa.eu/home_en.asp)

TWA: Time Weighted Average

IBC code: International Bulk Chemical Code

MARPOL: International Convention for the Prevention of Pollution From Ships

REACH: Registration, Evaluation, Authorisation and Restriction of Chemicals

UN: United Nations

ATE: Acute Toxicity Estimate

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