

Safety Data Sheet

Material Name: EUXYL K 903

SDS ID: EUXYL K 903

Section 1 - PRODUCT AND COMPANY IDENTIFICATION

Material Name

EUXYL K 903

Product Use

Preservative for cosmetics and toiletries

Restrictions on Use

None known.

Details of the supplier of the safety data sheet

schülke inc.
30 Two Bridges Road
Suite 225
Fairfield, NJ 07004

Phone: 1-888-267-4220
Fax: 1-973-770-7302
Chemtrec: 1-800-424-9300
Chemtrec International: 1-703-527-3887

Section 2 - HAZARDS IDENTIFICATION

Classification in accordance with paragraph (d) of 29 CFR 1910.1200.

Acute Toxicity - Oral - Category 4

Skin Corrosion/Irritation - Category 2

Serious Eye Damage/Eye Irritation - Category 1

Specific Target Organ Toxicity - Repeated Exposure - Category 1 (lungs)

GHS Label Elements**Symbol(s)****Signal Word**

Danger

Hazard Statement(s)

Harmful if swallowed

Causes skin irritation

Causes serious eye damage

Causes damage to organs (lungs) through prolonged or repeated exposure

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Precautionary Statement(s)

Prevention

Do not breathe vapor or mist.
 Do not eat, drink or smoke when using this product
 Wash thoroughly after handling
 Wear protective gloves and eye/face protection

Response

Get medical advice/attention if you feel unwell.
 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell
 Rinse mouth
 IF ON SKIN: Wash with plenty of soap and water
 If skin irritation occurs: Get medical advice/attention
 Take off contaminated clothing and wash before reuse
 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing
 Immediately call a POISON CENTER or doctor/physician

Storage

None needed according to classification criteria

Disposal

Dispose in accordance with all applicable regulations

Statement of Unknown Toxicity

0% of the mixture consists of ingredient(s) of unknown acute toxicity.

Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

CAS	Component Name	Percent
65-85-0	Benzoic acid	11-13
520-45-6	Dehydroacetic acid	6.5-7.5
100-51-6	Benzyl alcohol	78-84

Section 4 - FIRST AID MEASURES

Inhalation

Remove person to fresh air and keep comfortable for breathing. Call a POISON CENTER or doctor/physician if you feel unwell.

Skin

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Wash with plenty of water. Wash contaminated clothing before reuse. If skin irritation occurs: Get medical advice/attention.

Eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Ingestion

Call a POISON CENTER or doctor/physician if you feel unwell. Rinse mouth.

Most Important Symptoms/Effects**Acute**

Harmful if swallowed, skin irritation, eye burns, eye damage

Delayed

lungs

Antidote

Treat symptomatically and supportively.

Section 5 - FIRE FIGHTING MEASURES

Extinguishing Media**Suitable Extinguishing Media**

Water spray, regular dry powder, foam, carbon dioxide

Unsuitable Extinguishing Media

Do not use high-pressure water streams.

Hazardous Combustion Products

Oxides of carbon

Advice for firefighters

Not readily flammable.

Fire Fighting Measures

Move material from fire area if it can be done without risk. Cool containers with water. Stay upwind and keep out of low areas.

Special Protective Equipment and Precautions for Firefighters

Wear personal protective clothing and equipment such as self-contained breathing apparatus (SCBA) for protection against possible exposure.

Section 6 - ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures

Avoid breathing vapor or mist. Wear personal protective clothing and equipment, see Section 8.

Methods and Materials for Containment and Cleaning Up

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Eliminate all sources of ignition. Absorb with sand or other non-combustible material. Do not flush into sanitary sewer systems, drains or surface water. Collect spilled material in appropriate container for disposal.

Environmental Precautions

Avoid release to the environment.

Section 7 - HANDLING AND STORAGE

Precautions for Safe Handling

Do not handle until all safety precautions have been read and understood. Do not breathe vapor. Do not get in eyes, on skin, or on clothing. Wash hands thoroughly after handling. Do not eat, drink, or smoke when using this product.

Conditions for Safe Storage, Including any Incompatibilities

None needed according to classification criteria

Store in original container. Protect from sunlight. Keep separated from incompatible substances.

Incompatible Materials

oxidizing materials

Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

Component Exposure Limits

ACGIH, NIOSH, EU, OSHA (US) and Mexico have not developed exposure limits for any of this product's components

Biological limit value

There are no biological limit values for any of this product's components.

Engineering Controls

Provide local exhaust or process enclosure ventilation system. Ensure compliance with applicable exposure limits.

Individual Protection Measures, such as Personal Protective Equipment**Eye/face protection**

Wear chemical safety goggles with a faceshield to protect against skin and eye contact when appropriate. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Skin Protection

Wear appropriate chemical resistant clothing.

Respiratory Protection

If engineering controls do not maintain airborne concentrations to a negligible level, an approved respirator must be worn.

Glove Recommendations

Wear appropriate chemical resistant gloves.

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Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	yellow liquid	Physical State	Not available
Odor	characteristic odor	Color	yellow
Odor Threshold	Not available	pH	3 - 4 at 20 °C (10 g/L Water)
Melting Point	Not available	Boiling Point	>100 °C
Freezing point	Not available	Evaporation Rate	Not available
Boiling Point Range	Not available	Flammability (solid, gas)	Not available
Autoignition	(Not auto-flammable)	Flash Point	101 °C (ISO 2719)
Lower Explosive Limit	Not available	Decomposition	Not available
Upper Explosive Limit	Not available	Vapor Pressure	Not available
Vapor Density (air=1)	Not available	Specific Gravity (water=1)	Not available
Water Solubility	12 g/L (@ 20 °C)	Partition coefficient: n-octanol/water	Not available
Viscosity	Not available	Solubility (Other)	Not available
Density	1.067--1.079 g/mL at 20 °C	Physical Form	liquid

Section 10 - STABILITY AND REACTIVITY

Reactivity

No reactivity hazard is expected.

Chemical Stability

Stable at normal temperatures and pressure.

Possibility of Hazardous Reactions

None known.

Conditions to Avoid

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Avoid extreme heat and cold. Avoid heat, flames, sparks and other sources of ignition.

Incompatible Materials

strong oxidizing materials

Hazardous decomposition products

oxides of carbon

Section 11 - TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure**Inhalation**

May cause respiratory tract irritation.

Skin Contact

May cause irritation of the skin.

Eye Contact

Causes serious eye burns and eye damage.

Ingestion

Harmful if swallowed.

Acute and Chronic Toxicity**Component Analysis - LD50/LC50**

The components of this material have been reviewed in various sources and the following selected endpoints are published:

Benzoic acid (65-85-0)

Oral LD50 Rat 1700 mg/kg

Inhalation LC50 Rat >26 mg/m³ 1 h

Dehydroacetic acid (520-45-6)

Oral LD50 Rat 500 mg/kg

Benzyl alcohol (100-51-6)

Oral LD50 Rat 1230 mg/kg

Dermal LD50 Rabbit 2 g/kg

Inhalation LC50 Rat 8.8 mg/L 4 h

Immediate Effects

skin irritation, eye burns, eye damage

Delayed Effects

lung damage

Irritation/Corrosivity Data

Skin irritation, eye burns

Respiratory Sensitization

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No data available.

Dermal Sensitization

No data available.

Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, NTP, DFG or OSHA

Germ Cell Mutagenicity

No information available for the product.

Tumorigenic Data

No data available

Reproductive Toxicity

No information available for the product.

Specific Target Organ Toxicity - Single Exposure

No target organs identified.

Specific Target Organ Toxicity - Repeated Exposure

lungs

Aspiration hazard

No data available.

Medical Conditions Aggravated by Exposure

None known.

Section 12 - ECOLOGICAL INFORMATION

Ecotoxicity

No information available for the product.

Component Analysis - Aquatic Toxicity

Benzoic acid	65-85-0
Invertebrate:	EC50 48 h Daphnia magna 860 mg/L [static] EPA
Benzyl alcohol	100-51-6
Fish:	LC50 96 h Pimephales promelas 460 mg/L [static]; LC50 96 h Lepomis macrochirus 10 mg/L [static]
Invertebrate:	EC50 48 h water flea 23 mg/L

Persistence and Degradability

Biodegradable.

Bioaccumulative Potential

No information available for the product.

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Section 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Dispose in accordance with all applicable federal, state/regional and local laws and regulations.

Section 14 - TRANSPORT INFORMATION

US DOT Information:

UN/NA #: Not regulated

TDG Information:

UN#: Not regulated

Section 15 - REGULATORY INFORMATION

U.S. Federal Regulations

This material contains one or more of the following chemicals required to be identified under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), CERCLA (40 CFR 302.4), TSCA 12(b), and/or require an OSHA process safety plan.

Benzoic acid	65-85-0
CERCLA:	5000 lb final RQ; 2270 kg final RQ

U.S. State Regulations

The following components appear on one or more of the following state hazardous substances lists:

Component	CAS	CA	MA	MN	NJ	PA
Benzoic acid	65-85-0	Yes	Yes	No	Yes	Yes
Benzyl alcohol	100-51-6	No	Yes	Yes	No	Yes

Not listed under California Proposition 65

Canadian WHMIS Ingredient Disclosure List (IDL)

Components of this material have been checked against the Canadian WHMIS Ingredients Disclosure List. The List is composed of chemicals which must be identified on MSDSs if they are included in products which meet WHMIS criteria specified in the Controlled Products Regulations and are present above the threshold limits listed on the IDL

Benzoic acid	65-85-0
	1 %

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Benzyl alcohol	100-51-6
	1 %

Component Analysis - Inventory

Benzoic acid (65-85-0)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes

Dehydroacetic acid (520-45-6)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	No	Yes

Benzyl alcohol (100-51-6)

US	CA	EU	AU	PH	JP - ENCS	JP - ISHL	KR - KECI/KECL	KR - TCCA	CN	NZ	MX	TW
Yes	DSL	EIN	Yes	Yes	Yes	No	Yes	No	Yes	Yes	Yes	Yes

Section 16 - OTHER INFORMATION

Summary of Changes

Revision 1.0000, 24 August 2015: New SDS.

Key / Legend

ACGIH - American Conference of Governmental Industrial Hygienists; ADR - European Road Transport; AU - Australia; BOD - Biochemical Oxygen Demand; C - Celsius; CA - Canada; CAS - Chemical Abstracts Service; CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act; CLP - Classification, Labelling, and Packaging; CN - China; CPR - Controlled Products Regulations; DFG - Deutsche Forschungsgemeinschaft; DOT - Department of Transportation; DSD - Dangerous Substance Directive; DSL - Domestic Substances List; EEC - European Economic Community; EINECS - European Inventory of Existing Commercial Chemical Substances; EPA - Environmental Protection Agency; EU - European Union; F - Fahrenheit; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; ICAO - International Civil Aviation Organization; IDL - Ingredient Disclosure List; IDLH - Immediately Dangerous to Life and Health; IMDG - International Maritime Dangerous Goods; JP - Japan; Kow - Octanol/water partition coefficient; KR - Korea; LEL - Lower Explosive Limit; LLV - Level Limit Value; LOLI - List Of Lists™ - ChemADVISOR's Regulatory Database; MAK - Maximum Concentration Value in the Workplace; MEL - Maximum Exposure Limits; NFPA - National Fire Protection Agency; NIOSH - National Institute for Occupational Safety and Health; NJTSR - New Jersey Trade Secret Registry; NTP - National Toxicology Program; NZ - New Zealand; OSHA - Occupational Safety and Health Administration; PH -

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Philippines; RCRA - Resource Conservation and Recovery Act; REACH- Registration, Evaluation, Authorisation, and restriction of Chemicals; RID - European Rail Transport; SARA - Superfund Amendments and Reauthorization Act; STEL - Short-term Exposure Limit; TDG - Transportation of Dangerous Goods; TSCA - Toxic Substances Control Act; TWA - Time Weighted Average; UEL - Upper Explosive Limit; US - United States.

Other Information

Disclaimer:

Supplier gives no warranty whatsoever, including the warranties of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser shall determine the quality and suitability of the product. Supplier expressly disclaims any and all liability for incidental, consequential or any other damages arising out of the use or misuse of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights.