

MOKA

Safety Data Sheet

according to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations
Issue date: 4/15/2021 Version: 1.0

SECTION 1: Identification

1.1. Identification

Product form : Substance
Name : Saccharomyces cerevisiae, extract
Trade name : MOKA
CAS-No. : 84604-16-0

1.2. Recommended use and restrictions on use

Use of the substance/mixture : Fertilizer

1.3. Supplier

Agrauxine by Lesaffre, for Lesaffre Yeast Corporation
7475 West Main Street
Milwaukee, WI 53214 - United States
T 1-877-677-7000

1.4. Emergency telephone number

No additional information available

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture

GHS US classification

Not classified

2.2. GHS Label elements, including precautionary statements

GHS US labeling

No labeling applicable

2.3. Other hazards which do not result in classification

Other hazards which do not result in classification : None under normal conditions.

2.4. Unknown acute toxicity (GHS US)

Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances

Substance type : UVCB

Name	Product identifier	%	GHS US classification
Saccharomyces cerevisiae, extract (Main constituent)	CAS-No.: 84604-16-0	100	Not classified

Full text of hazard classes and H-statements : see section 16

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3.2. Mixtures

Not applicable

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: Take victim to a doctor if respiratory symptoms appear or persist.
First-aid measures after skin contact	: Wash off with soap and plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
First-aid measures after eye contact	: Immediately rinse with water for a prolonged period while holding the eyelids wide open. Consult an eye specialist if necessary.
First-aid measures after ingestion	: On ingestion in large quantities: Get medical advice/attention.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects : No specific effects and/or symptoms are known.

4.3. Immediate medical attention and special treatment, if necessary

Treat symptomatically.

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media	: Water spray. Foam. Dry powder. Sand.
Unsuitable extinguishing media	: None known.

5.2. Specific hazards arising from the chemical

Fire hazard	: Not combustible.
Hazardous decomposition products in case of fire	: Toxic fumes may be released. Carbon oxides (CO, CO ₂). Sulphur oxides.

5.3. Special protective equipment and precautions for fire-fighters

Protection during firefighting	: Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.
Other information	: Do not breathe fumes.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Avoid contact with skin and eyes. Do not breathe smoke.

6.1.1. For non-emergency personnel

Emergency procedures : Evacuate unnecessary personnel. Do not touch or walk on the spilled product.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

6.2. Environmental precautions

Do not discharge into drains or rivers. For a large spillage, contain the spillage by bunding.

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6.3. Methods and material for containment and cleaning up

For containment	: Take up liquid spill into absorbent material, e.g.: sand, saw dust. Shovel into suitable and closed container for disposal.
Methods for cleaning up	: Wash contaminated area with large amounts of water.
Other information	: Dispose of contaminated materials in accordance with current regulations.

6.4. Reference to other sections

Concerning personal protective equipment to use, see item 8. Concerning disposal elimination after cleaning, see item 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling	: Ensure good ventilation of the work station. Avoid contact with skin and eyes. Do not breathe vapors. Wear recommended personal protective equipment.
Hygiene measures	: Do not drink, eat or smoke in the workplace. Always wash hands after handling the product. Handle in accordance with good industrial hygiene and safety practice. If on skin, take off contaminated clothing.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	: Store in dry, cool, well-ventilated area. Protect from sunlight. Protect from moisture. Keep out of frost.
Incompatible materials	: Strong oxidizing agents.
Special rules on packaging	: Store in original container.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Saccharomyces cerevisiae, extract (84604-16-0)

No additional information available

8.2. Appropriate engineering controls

Appropriate engineering controls	: Ensure good ventilation of the work station. Safety shower. Eye fountain.
Environmental exposure controls	: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:

Wear suitable gloves. Breakthrough time : refer to the recommendations of the supplier

Eye protection:

Not required for normal conditions of use

Skin and body protection:

Wear suitable protective clothing

Respiratory protection:

Not required for normal conditions of use

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SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Color	: Brown
Odor	: Typical of yeast extract
Odor threshold	: Not established
pH	: 4 – 5
Melting point	: ≥ 200 °C
Freezing point	: Not established
Boiling point	: 105 °C (1010 hPa)
Flash point	: Not established
Relative evaporation rate (butyl acetate=1)	: Not established
Relative evaporation rate (ether=1)	: Not established
Flammability (solid, gas)	: Not flammable.
Vapor pressure	: Not applicable
Vapor pressure at 50 °C	: Not established
Relative vapor density at 20 °C	: Not established
Relative density	: 1.2 (20 °C)
Density	: Not established
Solubility	: Water: > 10000 mg/l Very soluble
Partition coefficient n-octanol/water (Log Pow)	: Not applicable
Auto-ignition temperature	: Not established
Decomposition temperature	: Not applicable
Viscosity, kinematic	: Not established
Viscosity, dynamic	: Not established
Explosion limits	: Not established
Explosive properties	: Not explosive.
Oxidizing properties	: Non oxidizing material.

9.2. Other information

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

To our knowledge, the product does not present any particular risk, under normal conditions of use.

10.2. Chemical stability

Stable at ambient temperature and under normal conditions of use.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid

Exposure to low temperatures. Direct sunlight. Moisture. elevated temperature.

10.5. Incompatible materials

Strong oxidizing agents.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified pH: 4 – 5
Serious eye damage/irritation	: Not classified pH: 4 – 5
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
STOT-single exposure	: Not classified
STOT-repeated exposure	: Not classified
Aspiration hazard	: Not classified
Viscosity, kinematic	: Not established
Symptoms/effects	: No specific effects and/or symptoms are known.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general	: The product is not considered harmful to aquatic organisms or to cause long-term adverse effects in the environment.
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12.2. Persistence and degradability

Saccharomyces cerevisiae, extract (84604-16-0)

Persistence and degradability	Considered to be rapidly degradable.
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12.3. Bioaccumulative potential

Saccharomyces cerevisiae, extract (84604-16-0)

Partition coefficient n-octanol/water (Log Pow)	Not applicable
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12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods	: Do not allow into drains or water courses. Dispose of in accordance with relevant local regulations.
Additional information	: The user's attention is drawn to the possible existence of specific european, national or local regulations regarding disposal.

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SECTION 14: Transport information

In accordance with Department of Transport / Transportation of Dangerous Goods / IMDG / IATA

DOT	TDG	IMDG	IATA
14.1. UN number			
Not regulated for transport			
14.2. Proper Shipping Name			
Not applicable	Not applicable	Not applicable	Not applicable
14.3. Transport hazard class(es)			
Not applicable	Not applicable	Not applicable	Not applicable
14.4. Packing group			
Not applicable	Not applicable	Not applicable	Not applicable
14.5. Environmental hazards			
Not applicable	Not applicable	Not applicable	Not applicable

14.6. Special precautions for user

Special transport precautions : No additional information available

DOT

No data available

TDG

No data available

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations

Saccharomyces cerevisiae, extract (84604-16-0)

Not listed on the United States TSCA (Toxic Substances Control Act) inventory
Not subject to reporting requirements of the United States SARA Section 313

15.2. International regulations

CANADA

Saccharomyces cerevisiae, extract (84604-16-0)

Not listed on the Canadian DSL (Domestic Substances List)/NDSL (Non-Domestic Substances List)

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EU-Regulations

Saccharomyces cerevisiae, extract (84604-16-0)

Listed on the EEC inventory EINECS (European Inventory of Existing Commercial Chemical Substances)

National regulations

Saccharomyces cerevisiae, extract (84604-16-0)

Fertilisers and biostimulants are subject to national regulations. It is the responsibility of the user to ensure that the product is used in compliance with national regulation in place in his country.

15.3. US State regulations

No additional information available

SECTION 16: Other information

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Data sources : Internal data. ECHA (European Chemicals Agency). SDS of suppliers.
Other information : Safety data sheet established by : LISAM TELEGIS
17 rue de la Couture F-60400 Passel
www.lisam-telegis.com.

Abbreviations and acronyms	
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ECHA	European Chemicals Agency
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
Pow (log)	n-octanol/water partition coefficient
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail

Safety Data Sheet (SDS), USA

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.