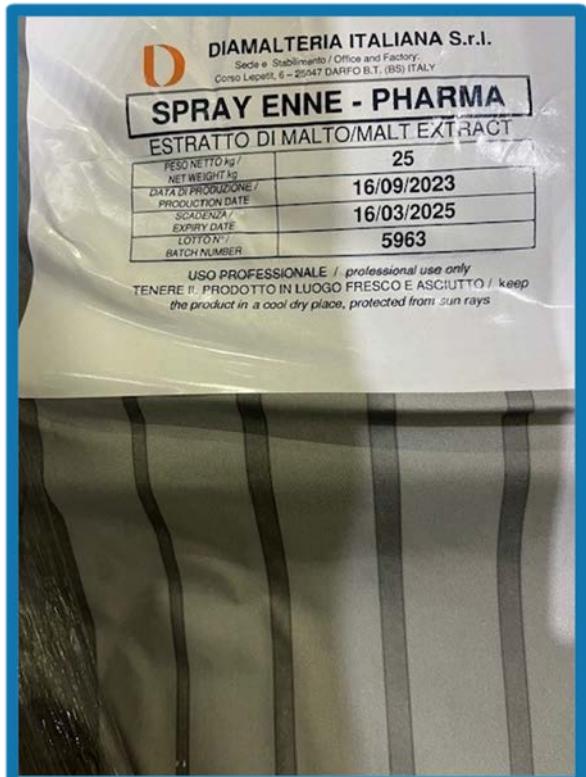


Offer Sheet

Product	Malt extract
Quantity	12 pallets
Net weight	14,708 lbs.
Manufacture date	Manuf. 9/16/23 Exp. 3/16/25
Availability	One time
Location	North Chicago, IL 60064
Date	1/14/26
COA	Attached below



Brian Svrusis
Solvent Systems International
575 Bennett Road
Elk Grove Village, IL 60007
847-323-6718 call or text
Click here for: [Surplus Inventory](#)
[Solvent-Systems.com](#)

Malt extract is a naturally derived carbohydrate-rich product obtained from malted barley and is used commercially across food, beverage, fermentation, and select industrial markets. Its value lies in its fermentable sugars, flavor profile, and functional properties.

Food and Beverage

- Brewing and distilling as a fermentable sugar source and flavor contributor in beer, malt beverages, and spirits
- Bakery applications to enhance flavor, color, crust development, and yeast activity in breads and baked goods
- Confectionery and snacks as a sweetener and flavoring agent in cereals, malted milk products, and energy bars
- Non-alcoholic beverages such as malt drinks and flavored nutritional beverages

Nutritional and Dietary Products

- Nutritional supplements and tonics due to natural carbohydrates, amino acids, and B-vitamins
- Sports and energy formulations as a natural carbohydrate source
- Infant and pediatric nutrition (grade- and regulation-dependent)

Fermentation and Biotechnology

- Microbial growth media for yeast and bacteria in laboratory, pharmaceutical, and industrial fermentation
- Starter cultures for food and beverage fermentation processes

Animal Feed

- Palatability enhancer in livestock and pet food
- Energy source in specialty and performance feed formulations

Pharmaceutical and Healthcare

- Excipient and flavoring agent in syrups and oral dosage forms
- Carrier for iron and vitamin formulations in liquid supplements

Other Industrial Uses

- Natural binder and humectant in specialty applications
- Flavor masking agent in functional formulations

The most active secondary markets are typically craft brewing, animal feed manufacturers, fermentation labs, and food processors, provided shelf life, moisture content, and microbiological specifications are acceptable.

DIAMALTERIA

ITALIANA

Certificate of Analyse

<i>Client :</i>	AbbVie Inc, CC:6003		
<i>Destination :</i>	AbbVie Inc.		
<i>Product :</i>	SPRAY N "PHARMA" - Malt Extract		
<i>Your references :</i>			
<i>Contract</i>	4300200931		
<i>Order/Call off:</i>			<i>Batch :</i> 5663
<i>Quantity :</i>	kg 2.100	<i>Prod. date :</i> 26/08/2023	
<i>Packaging :</i>	Sacs of 25 Kg.	<i>Best before:</i> 26/02/2025	

CHEMICAL RESULTS

Moisture %	2,6
Ashes d.s. %	1,14
Proteins d.s. %	4,60
pH (at 10% sol.)	5,65
Red. sugars (as maltose) d.s. %	74,4

Darfo Boario Terme,
29/12/2023

QUALITY CONTROL DEPARTMENT
dott. Margherita Rodondi

Attached to: CP-AnaV-963765-10.0-0088

8. Apr 08 APR 2024

Carlos Pacheco

I-Lot: 010002884580 Batch: 1001270427
Material: NC Fermentation Fin*
20070499 Amount: 30 g
Lab Location: 1195_QC-TL60 Storage: Per Specification
1195_QC-TL60
Malt Extract, Spray N
NC Fermentation Final Product
GLCA2024005207 Run#:

10906213 Bulk
5663

Verified By: D. CL + 17 Apr 2024

Daniella Clement

*D. Clement
6/04/24*



1K Kosher
Rabbi Menachem Hadad - Kashrut Administrator
בשагחת קהילת "מעיין חי" - בריסל
הרב מנחם חדאד - רב הראשי

- A project of the Gueoula Fondation -

KOSHER CERTIFICATE

תעודת כשרות

DIAMALTERIA ITALIANA S.R.L.

CORSO LEPETIT 6, DARFO BOARIO TERME (BS), 25047,
ITALY

בז"ט
ו"ט תמוז תשפ"ה
15 July 2025
Letter # 989986844



The following products manufactured by Diamalteria Italiana S.r.l. are certified kosher with the indicated status and certification requirements.

PRODUCT	STATUS	UKD ID
Hydrolyzed Cereal Flours	Pareve	1KK427337
Liquid Malt Extracts	Pareve	1KK123810
Malt Extract Powders supported on Malted Cereals Flours	Pareve	1KK574489
Malt Flours	Pareve	1KK400495
Mixes & Improvers	Pareve	1KK828379
Powder Malt Extracts	Pareve	1KK506338

This certificate is **VALID UNTIL 14 July 2026**

2K3D PNSN

Powered by:

CORPORATE*Kosher*

Rabbi Menahem Hadad, Kashrut Administrator

Note: Unauthorized use of the 1K Kosher symbol
is a violation of applicable food labelling statutes
and copyright law.

Malt Extract Powder, Refined

Version number: GHS 1.0

Date of compilation: 2023-01-12

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

1.1 Product identifier

Identification of the substance

Malt Extract Powder, Refined

Alternative number(s)

RM004B

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

Relevant identified uses

Laboratory Chemicals, Analytical Purpose, Bio-chemical Analysis

1.3 Details of the supplier of the safety data sheet

HiMedia Laboratories Pvt. Ltd.

Plot No. C40, Road No. 21Y, Wagle Industrial Area, MIDC
Thane West Maharashtra 400604
India

Telephone: +91 22 69034800, +91 22 61169797

e-mail: info@himedialabs.com

Website: www.himedialabs.com

e-mail (competent person)

info@himedialabs.com (HiMedia Laboratories Pvt. Ltd)

1.4 Emergency telephone number

Emergency information service

This number is only available during the following office hours: Mon-Fri 09:00 AM - 05:00 PM

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification acc. to GHS

This substance does not meet the criteria for classification.

2.2 Label elements

Labelling

not required

2.3 Other hazards

Results of PBT and vPvB assessment

According to the results of its assessment, this substance is not a PBT or a vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Name of substance

Malt Extract Powder, Refined

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Version number: GHS 1.0

Date of compilation: 2023-01-12

SECTION 4: First aid measures

4.1 Description of first aid measures

General notes

Do not leave affected person unattended. Remove victim out of the danger area. Keep affected person warm, still and covered. Take off immediately all contaminated clothing. In all cases of doubt, or when symptoms persist, seek medical advice. In case of unconsciousness place person in the recovery position. Never give anything by mouth.

Following inhalation

If breathing is irregular or stopped, immediately seek medical assistance and start first aid actions. Provide fresh air.

Following skin contact

Brush off loose particles from skin. Rinse skin with water/shower.

Following eye contact

Remove contact lenses, if present and easy to do. Continue rinsing. Irrigate copiously with clean, fresh water for at least 10 minutes, holding the eyelids apart.

Following ingestion

Rinse mouth with water (only if the person is conscious). Do NOT induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms and effects are not known to date.

4.3 Indication of any immediate medical attention and special treatment needed

none

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Water, Foam, ABC-powder

Unsuitable extinguishing media

Water jet

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO₂)

5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Co-ordinate firefighting measures to the fire surroundings. Do not allow firefighting water to enter drains or water courses. Collect contaminated firefighting water separately. Fight fire with normal precautions from a reasonable distance.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

For non-emergency personnel

Remove persons to safety.

For emergency responders

Wear breathing apparatus if exposed to vapours/dust/spray/gases.

6.2 Environmental precautions

Keep away from drains, surface and ground water. Retain contaminated washing water and dispose of it.

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6.3 Methods and material for containment and cleaning up

Advice on how to contain a spill

Covering of drains, Take up mechanically

Advice on how to clean up a spill

Take up mechanically.

Other information relating to spills and releases

Place in appropriate containers for disposal. Ventilate affected area.

6.4 Reference to other sections

Hazardous combustion products: see section 5. Personal protective equipment: see section 8. Incompatible materials: see section 10. Disposal considerations: see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Recommendations

- Measures to prevent fire as well as aerosol and dust generation

Use local and general ventilation. Take precautionary measures against static discharge. Use only in well-ventilated areas. Ground/bond container and receiving equipment.

- Specific notes/details

Dust deposits may accumulate on all deposition surfaces in a technical room. The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

Advice on general occupational hygiene

Wash hands after use. Do not eat, drink and smoke in work areas. Remove contaminated clothing and protective equipment before entering eating areas. Never keep food or drink in the vicinity of chemicals. Never place chemicals in containers that are normally used for food or drink. Keep away from food, drink and animal feedingstuffs.

7.2 Conditions for safe storage, including any incompatibilities

Managing of associated risks

- Explosive atmospheres

Removal of dust deposits.

- Ventilation requirements

Use local and general ventilation.

- Specific designs for storage rooms or vessels

- Storage temperature

Recommended storage temperature: 10 – 30 °C

7.3 Specific end use(s)

See section 16 for a general overview.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Safety Data Sheet

acc. to Regulation (EC) No. 1907/2006 (REACH)

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Occupational exposure limit values (Workplace Exposure Limits)											
Country	Name of agent	CAS No	Identifier	TWA [ppm]	TWA [mg/m ³]	STEL [ppm]	STEL [mg/m ³]	Ceiling-C [ppm]	Ceiling-C [mg/m ³]	Notation	Source
GB	dust		WEL		10					i	EH40/2005
GB	dust		WEL		4					r	EH40/2005

Notation

Ceiling-C	ceiling value is a limit value above which exposure should not occur
i	inhalable fraction
r	respirable fraction
STEL	short-term exposure limit: a limit value above which exposure should not occur and which is related to a 15-minute period (unless otherwise specified)
TWA	time-weighted average (long-term exposure limit): measured or calculated in relation to a reference period of 8 hours time-weighted average (unless otherwise specified)

8.2 Exposure controls

Appropriate engineering controls

General ventilation.

Individual protection measures (personal protective equipment)

Eye/face protection

Wear eye/face protection.

Skin protection

- Hand protection

Wear protective gloves.

- Other protection measures

Take recovery periods for skin regeneration. Preventive skin protection (barrier creams/ointments) is recommended.
Wash hands thoroughly after handling.

Respiratory protection

Particulate filter device (EN 143).

Environmental exposure controls

Use appropriate container to avoid environmental contamination. Keep away from drains, surface and ground water.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state	solid (powder)
Colour	Cream to Brownish Yellow homogenous free flowing powder
Odour	Not applicable
Melting point/freezing point	not determined
Boiling point or initial boiling point and boiling range	not determined

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Flammability	non-combustible
Lower and upper explosion limit	not determined
Flash point	not applicable
Auto-ignition temperature	not determined
Decomposition temperature	Decomposition onset temperature:
pH (value)	5 – 7
Kinematic viscosity	not relevant
Solubility(ies)	not determined

Partition coefficient

Partition coefficient n-octanol/water (log value)	this information is not available
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Vapour pressure	not determined
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Density and/or relative density

Density	not determined
Relative vapour density	information on this property is not available

Particle characteristics	no data available
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9.2 Other information

Information with regard to physical hazard classes	hazard classes acc. to GHS (physical hazards): not relevant
Other safety characteristics	there is no additional information

SECTION 10: Stability and reactivity

10.1 Reactivity

Concerning incompatibility: see below "Conditions to avoid" and "Incompatible materials".

10.2 Chemical stability

The material is stable under normal ambient and anticipated storage and handling conditions of temperature and pressure.

10.3 Possibility of hazardous reactions

No known hazardous reactions.

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10.4 Conditions to avoid

There are no specific conditions known which have to be avoided.

Hints to prevent fire or explosion

The product in the delivered form is not dust explosion capable; the enrichment of fine dust however leads to the danger of dust explosion.

10.5 Incompatible materials

Oxidisers

10.6 Hazardous decomposition products

Reasonably anticipated hazardous decomposition products produced as a result of use, storage, spill and heating are not known. Hazardous combustion products: see section 5.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Classification acc. to GHS

This substance does not meet the criteria for classification.

Acute toxicity

Shall not be classified as acutely toxic.

Skin corrosion/irritation

Shall not be classified as corrosive/irritant to skin.

Serious eye damage/eye irritation

Shall not be classified as seriously damaging to the eye or eye irritant.

Respiratory or skin sensitisation

Shall not be classified as a respiratory or skin sensitisier.

Germ cell mutagenicity

Shall not be classified as germ cell mutagenic.

Carcinogenicity

Shall not be classified as carcinogenic.

Reproductive toxicity

Shall not be classified as a reproductive toxicant.

Specific target organ toxicity - single exposure

Shall not be classified as a specific target organ toxicant (single exposure).

Specific target organ toxicity - repeated exposure

Shall not be classified as a specific target organ toxicant (repeated exposure).

Aspiration hazard

Shall not be classified as presenting an aspiration hazard.

11.2 Information on other hazards

There is no additional information.

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SECTION 12: Ecological information

12.1 Toxicity

Shall not be classified as hazardous to the aquatic environment.

12.2 Persistence and degradability

Data are not available.

12.3 Bioaccumulative potential

Data are not available.

12.4 Mobility in soil

Data are not available.

12.5 Results of PBT and vPvB assessment

Data are not available.

12.6 Endocrine disrupting properties

Not listed.

12.7 Other adverse effects

Data are not available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Sewage disposal-relevant information

Do not empty into drains. Avoid release to the environment. Refer to special instructions/safety data sheets.

Waste treatment of containers/packages

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

Remarks

Please consider the relevant national or regional provisions. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

SECTION 14: Transport information

14.1 UN number or ID number

not subject to transport regulations

14.2 UN proper shipping name

not relevant

14.3 Transport hazard class(es)

none

14.4 Packing group

not assigned

14.5 Environmental hazards

non-environmentally hazardous acc. to the dangerous goods regulations

14.6 Special precautions for user

There is no additional information.

14.7 Maritime transport in bulk according to IMO instruments

The cargo is not intended to be carried in bulk.

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Information for each of the UN Model Regulations**International Maritime Dangerous Goods Code (IMDG) - Additional information**

Not subject to IMDG.

International Civil Aviation Organization (ICAO-IATA/DGR) - Additional information

Not subject to ICAO-IATA.

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****Relevant provisions of the European Union (EU)****Deco-Paint Directive**

VOC content	0 %
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Industrial Emissions Directive (IED)

VOC content	0 %
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Directive on the restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS)

not listed

Regulation concerning the establishment of a European Pollutant Release and Transfer Register (PRTR)

not listed

Water Framework Directive (WFD)

not listed

Regulation on persistent organic pollutants (POP)

Not listed.

National regulations (GB)**List of substances subject to authorisation (GB REACH, Annex 14) / SVHC - candidate list**

not listed

Restrictions according to GB REACH, Annex 17

not listed

15.2 Chemical Safety Assessment

No Chemical Safety Assessment has been carried out for this substance.

SECTION 16: Other information**Abbreviations and acronyms**

Abbr.	Descriptions of used abbreviations
ADR	Accord relatif au transport international des marchandises dangereuses par route (Agreement concerning the International Carriage of Dangerous Goods by Road)
CAS	Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)
Ceiling-C	Ceiling value

Safety Data Sheet

acc. to Regulation (EC) No. 1907/2006 (REACH)

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Abbr.	Descriptions of used abbreviations
DGR	Dangerous Goods Regulations (see IATA/DGR)
EH40/2005	EH40/2005 Workplace exposure limits (http://www.nationalarchives.gov.uk/doc/open-government-licence/)
GB REACH	The REACH etc. (Amendment etc.) (EU Exit) Regulations 2019, SI 2019/758 (as amended)
GHS	"Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations
IATA	International Air Transport Association
IATA/DGR	Dangerous Goods Regulations (DGR) for the air transport (IATA)
ICAO	International Civil Aviation Organization
IMDG	International Maritime Dangerous Goods Code
PBT	Persistent, Bioaccumulative and Toxic
ppm	Parts per million
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals
RID	Règlement concernant le transport International ferroviaire des marchandises Dangereuses (Regulations concerning the International carriage of Dangerous goods by Rail)
STEL	Short-term exposure limit
TWA	Time-weighted average
VOC	Volatile Organic Compounds
vPvB	Very Persistent and very Bioaccumulative
WEL	Workplace exposure limit

Key literature references and sources for data

Agreement concerning the International Carriage of Dangerous Goods by Road (ADR). Regulations concerning the International Carriage of Dangerous Goods by Rail (RID). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

Disclaimer

This information is based upon the present state of our knowledge. This SDS has been compiled and is solely intended for this product.