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Material Safety Data Sheet

Yeast Extract
 MSDS# 92007

Section 1 - Chemical Product and Company Identification

MSDS Name: Yeast Extract
 Catalog Numbers: AC611801000, AC611805000
 Synonyms: None
 Company Identification: Acros Organics BVBA
 Janssen Pharmaceuticaalaan 3a
 2440 Geel, Belgium
 Company Identification: (USA)Acros Organics
 One Reagent Lane
 Fair Lawn, NJ 07410

For information in the US, call:
 800-ACROS-01
 For information in Europe, call: +32 14 57 52 11
 Emergency Number, Europe: +32 14 57 52 99
 Emergency Number US: 201-796-7100
 CHEMTREC Phone Number, US:
 800-424-9300
 CHEMTREC Phone Number, Europe:
 703-527-3887

Section 2 - Composition, Information on Ingredients

CAS#: 8013-01-2
 Chemical Name: Yeast, extract
 %: 100.0
 EINECS#: 232-387-9

Hazard Symbols:
 None listed
 Risk Phrases:
 None listed

Section 3 - Hazards Identification
 EMERGENCY OVERVIEW

Caution! This is expected to be a low hazard for usual industrial handling. May cause eye, skin, and respiratory tract irritation.
 Target Organs: None.
 Potential Health Effects

Eye: Dust may cause mechanical irritation. No information reported.

Skin: May cause skin irritation. No information reported.

Ingestion: May cause irritation of the digestive tract. Low hazard for usual industrial handling.

Inhalation: May cause respiratory tract irritation. Low hazard for usual industrial handling.

Chronic: No information found.

Section 4 - First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical aid.

Skin: Flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical aid if irritation develops or persists.

Ingestion: If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Get medical aid.

Inhalation: Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical aid if cough or other symptoms appear.

Notes to Physician: Section 5 - Fire Fighting Measures

General Information: As in any fire, wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Dusts may be an explosion hazard if mixed with air at critical proportions and in the presence of an ignition source.

Extinguishing Media: For small fires, use water spray, dry chemical, carbon dioxide or chemical foam.

Autoignition Temperature: Not applicable.

Flash Point: Not applicable.

Explosion Limits: Lower: Not available

Explosion Limits: Upper: Not available

NFPA Rating:

health: 0; flammability: 1; instability: 0;

Section 6 - Accidental Release Measures

General Information:

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Use proper personal protective equipment as indicated in Section 8.
 Spills/Leaks: Vacuum or sweep up material and place into a suitable disposal container. Clean up spills immediately, observing precautions in the Protective Equipment section. Avoid generating dusty conditions. Provide ventilation.
 Section 7 - Handling and Storage

Handling: Wash hands before eating. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

Storage: Store in a cool, dry, well-ventilated area away from incompatible substances. Keep containers tightly closed.
 Section 8 - Exposure Controls, Personal Protection

Engineering Controls: Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use process enclosure, local exhaust ventilation, or other engineering controls to control airborne levels.

Exposure Limits

Chemical Name	ACGIH	NIOSH	OSHA - Final PELs
Yeast, extract	none listed	none listed	none listed

OSHA Vacated PELs:

Yeast, extract:
 None listed

Personal Protective Equipment

Eyes: Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.

Skin: Wear appropriate protective gloves to prevent skin exposure.

Clothing: Wear appropriate protective clothing to prevent skin exposure.

Respirators: Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Section 9 - Physical and Chemical Properties

Physical State: Solid
 Color: yellow-white to yellow-orange
 Odor: characteristic odor
 pH: Not available
 Vapor Pressure: Not applicable.
 Vapor Density: Not applicable.
 Evaporation Rate: Not available
 Viscosity: Not applicable.
 Boiling Point: Not available
 Freezing/Melting Point: Not available
 Decomposition Temperature: Not available
 Solubility in water: 20% in water.
 Specific Gravity/Density: Not available.
 Molecular Formula: Variable.
 Molecular Weight: 0

Section 10 - Stability and Reactivity

Chemical Stability: Stable under normal temperatures and pressures.
 Conditions to Avoid: Dust generation, strong oxidants.

Incompatibilities with Other Materials: Not available

Hazardous Decomposition Products: Irritating and toxic gases.

Hazardous Polymerization: Has not been reported.

Section 11 - Toxicological Information

RTECS#: CASH 8013-01-2: ZF6610000

LD50/LC50:

RTECS: Not available.

Carcinogenicity:

Yeast, extract - Not listed as a carcinogen by ACGIH, IARC, NTP, or CA Prop 65.

Epidemiology:

No information found

Teratogenicity:

No information found

Reproductive:

No information found

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Neurotoxicity:
No information found
Mutagenicity:
No information found
Other:
Not available

Section 12 - Ecological Information

Other:

Section 13 - Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste. US EPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

RCRA P-Series: None listed.

RCRA U-Series: None listed.

Section 14 - Transport Information

US DOT

Shipping Name: Not regulated as a hazardous material
Hazard Class:
UN Number:
Packing Group:

Canada TDG

Shipping Name: Not available
Hazard Class:
UN Number:
Packing Group:

Section 15 - Regulatory Information

US Federal

TSCA

CAS# 8013-01-2 is listed on the TSCA Inventory.

Health & Safety Reporting List

None of the chemicals are on the Health & Safety Reporting List.

Chemical Test Rules

None of the chemicals in this product are under a Chemical Test Rule.

Section 12b

None of the chemicals are listed under TSCA Section 12b.

TSCA Significant New Use Rule

None of the chemicals in this material have a SNUR under TSCA.

CERCLA Hazardous Substances and corresponding RQs

None of the chemicals in this material have an RQ.

SARA Section 302 Extremely Hazardous Substances

None of the chemicals in this product have a TPQ.

Section 313

No chemicals are reportable under Section 313.

Clean Air Act:

This material does not contain any hazardous air pollutants.

This material does not contain any Class 1 Ozone depleters.

This material does not contain any Class 2 Ozone depleters.

Clean Water Act:

None of the chemicals in this product are listed as Hazardous

Substances under the CWA.

None of the chemicals in this product are listed as Priority

Pollutants under the CWA.

None of the chemicals in this product are listed as Toxic Pollutants

under the CWA.

OSHA:

STATE

Yeast, extract is not present on state lists from CA, PA, MN, MA, FL, or NJ.

California Prop 65

California No Significant Risk Level:

None of the chemicals in this product are listed.

European/International Regulations

European Labeling in Accordance with EC Directives

Hazard Symbols: Not available

Risk Phrases:

Safety Phrases:

S 24/25 Avoid contact with skin and eyes.

WGK (Water Danger/Protection)

CAS# 8013-01-2: 0

Canada

CAS# 8013-01-2 is listed on Canada's DSL List

Canadian WHMIS Classifications: Not available

This product has been classified in accordance with the hazard

criteria of the Controlled Products Regulations and the MSDS

contains all of the information required by those regulations.

CAS# 8013-01-2 is not listed on Canada's Ingredient

Disclosure List.

Section 16 - Other Information

MSDS Creation Date:

11/06/2001

Revision #2 Date

10/05/2004

The information above is believed to be accurate and represents the

best information currently available to us. However, we make no

warranty of merchantability or any other warranty, express or

implied, with respect to such information, and we assume no liability

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resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no event shall the company be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential, or exemplary damages howsoever arising, even if the company has been advised of the possibility of such damages.