



MATERIAL SAFETY DATA SHEET

DEXTROSE ANHYDROUS

SECTION 1- CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name:
Dextrose Anhydrous

Catalog Numbers: BP/G130, BP/G135, BPE350-1, G/0450, G/0500

Synonyms:
Corn sugar, glucose, D-glucose, grape sugar.

Company Information:
LEONID CHEMICALS
62/A-2 1st Stage, Yeshwanthpur Industrial Suburb
Ashokpuram School Road
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SECTION 2- COMPOSITION, INFORMATION ON INGREDIENTS

CAS #	:	50-99-7
Chemical Name	:	Glucose
%	:	>99 %
EINECS#	:	200-075-1
Hazard Symbols	:	None Listed.
Risk Phrases	:	None Listed.

SECTION 3- HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW
Not available.

Potential Health Effects

Eye:

Dust may cause mechanical irritation.

Skin:

Dust may cause mechanical irritation. Low hazard for usual industrial handling.

Ingestion:

No hazard expected in normal industrial use.

Inhalation:

No hazard expected in normal industrial use.

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. If irritation develops, get medical aid.



Skin:

Get medical aid if irritation develops or persists. Flush skin with plenty of soap and water.

Ingestion:

If victim is conscious and alert, give 2-4 cupfuls of milk or water. Get medical aid.

Inhalation:

Remove from exposure and move to fresh air immediately. Get medical aid if cough or other symptoms appear.

Notes to Physician:

Un Listed

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 at sufficient concentrations can form explosive mixtures with air.

Extinguishing Media:

Use water spray, dry chemical, or carbon dioxide.

SECTION 6- ACCIDENTAL RELEASE MEASURES

General Information:

Use proper personal protective equipment as indicated in Section 8.

Spills/Leaks:

Vacuum or sweep up material and place into a suitable disposal Container.

SECTION 7 - HANDLING and STORAGE

Handling:

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with skin and eyes. Avoid ingestion and inhalation.

Storage:

Store in a cool, dry, well-ventilated area away from incompatible substances.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls:

Good general ventilation should be sufficient to control airborne levels.

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. Always use a NIOSH or European Standard EN 149 approved respirator when necessary.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	Solid
Color	:	White powder.
Odor	:	None.
pH	:	5.9 (0.5M)
Vapor Pressure	:	Negligible.
Viscosity	:	Not applicable.
Boiling Point	:	Not available.
Freezing/Melting Point	:	295 deg F
Autoignition Temperature	:	Not applicable.
Flash Point	:	Not applicable.
Explosion Limits, lower	:	Not available.
Explosion Limits, upper	:	Not available.
Decomposition Temperature	:	Not available.
Solubility in water	:	Soluble in water.
Specific Gravity/Density	:	1.54 (water=1)
Molecular Formula	:	C6H12O6
Molecular Weight	:	180.0804

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal temperatures and pressures.

Conditions to Avoid:

None reported.

Incompatibilities with Other Materials:

Sodium peroxide + potassium nitrate, strong oxidizers.

Hazardous Decomposition Products:

Carbon monoxide, carbon dioxide.

Polymerization:

Has not been reported.

SECTION 11 - TOXICOLOGICAL INFORMATION

RTECS#:

CAS# 50-99-7: Lz6600000

LD50/LC50:

CAS# 50-99-7: Oral, rat: LD50 = 25800 mg/kg.

Carcinogenicity:

Glucose -

Not listed by ACGIH, IARC, NIOSH, NTP, or OSHA.

Other:

See actual entry in RTECS for complete information.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:

Un Listed

Other:
No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Products which are considered hazardous for supply are classified as Special Waste and the disposal of such chemicals is covered by regulations which may vary according to location. Contact a specialist disposal company or the local waste regulator for advice. Empty containers must be decontaminated before returning for recycling.

SECTION 14 - TRANSPORT INFORMATION

IATA

Shipping Name : Not regulated.
Hazard Class :
UN Number :
Packing Group :

IMO

Shipping Name : Not regulated.
Hazard Class :
UN Number :
Packing Group :

RID/ADR

Shipping Name : Not regulated.
Hazard Class :
UN Number :
Packing Group :

SECTION 15 - REGULATORY INFORMATION

European/International Regulations
European Labeling in Accordance with EC Directives

Hazard Symbols:
Not available.

Risk Phrases:
Not available.

Safety Phrases:
Not available.

WGK (Water Danger/Protection)
CAS# 50-99-7: 0

United Kingdom Occupational Exposure Limits

United Kingdom Maximum Exposure Limits

Canada
CAS# 50-99-7 is listed on Canada's DSL List.
CAS# 50-99-7 is not listed on Canada's Ingredient Disclosure List.

Exposure Limits :
US FEDERAL

TSCA:
CAS# 50-99-7 is listed on the TSCA inventory.

SECTION 16 - ADDITIONAL INFORMATION

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 resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. In no way 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.

