



K3 CORP MATERIAL SAFETY DATA SHEET

HYALURONIC ACID, POWDER

Date : June 17, 2016

SECTION 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

1. PRODUCT NAME: **Hyaluronic Acid, Powder**
2. MANUFACTURE NAME: K3 Corporation
ADDRESS : 3000 Chestnut Ave., Suite 206, Baltimore, MD 21211
EMERGENCY PHONE NUMBER : 410-433-1517

SECTION 2. INGREDIENT AND RELATIVE INFORMATION

1. CHEMICAL NAME : Hyaluronic Acid
2. CAS NUMBER : 9004-61-9
3. CONTENT : 88~100%

SECTION 3. HAZARDS IDENTIFICATION

1. INHALATION
SHORT-TERM EXPOSURE : NOSE BLEEDING MAY OCCUR
LONG-TERM EXPOSURE : DATA NOT YET AVAILABLE.
2. SKIN CONTACT SHORT-TERM EXPOSURE : LONG-TERM EXPOSURE :
DATA NOT AVAILABLE
DATA NOT AVAILABLE.
3. EYE CONTACT
SHORT-TERM EXPOSURE : DATA NOT AVAILABLE
LONG-TERM EXPOSURE : DATA NOT AVAILABLE.
4. SWALLOWED
SHORT-TERM EXPOSURE : DATA NOT AVAILABLE.
LONG-TERM EXPOSURE : DATA NOT AVAILABLE.
5. CARCINOGENICITY : DATA NOT AVAILABLE



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SECTION 4. EMERGENCY AND FIRST-AID MEASURES

1. INHALED : REMOVE TO FRESH AIR. IF BREATHING BECOMES DIFFICULT, CALL A PHYSICIAN.
2. SKIN CONTACT : WASH WITH SOAP AND COPIOUS AMOUNTS OF WATER FOR AT LEAST 15-20 MINUTES. REMOVE CONTAMINATED CLOTHING AND SHOES. CALL A PHYSICIAN.
3. CONTACT WITH EYES : FLUSH WITH COPIOUS AMOUNTS OF WATER OR NORMAL SALINE. ASSURE ADEQUATE FLUSHING BY SEPARATING THE EYELIDS WITH FINGERS. CALL A PHYSICIAN.
4. SWALLOWED : WASH OUT MOUTH WITH WATER PROVIDED PERSON IS CONSCIOUS. CALL A PHYSICIAN.

SECTION 5. FIRE FIGHTING MEASURES

1. UNUSUAL FIRE AND EXPLOSIONS HAZARDS
POSSIBLE MILD FIRE OR EXPLOSION.
EMITS DUST OR FUMES UNDER FIRE CONDITIONS.
2. EXTINGUISHING MEDIA
DRY, CARBON DIOXIDE, WATER SPRAY,
OR APPROPRIATE FOAM.
3. FIREFIGHTING PROCEDURES
HIGH PRESSURE WATER SPRAY AND USE EXTINGUISHING
CHEMICAL POWDER. AVOID CONTACT AND INHALATION
OF THE PRODUCT AND FUMES.

SECTION 6. ACCIDENTAL RELEASE MEASURES

1. SWEEP UP, PLACE IN A BAG AND HOLD FOR WASTE DISPOSAL.
2. AVOID RAISING DUST.
3. VENTILATE AREA AND WASH SPILL SITE AFTER MATERIAL PICKUP IS COMPLETE.

SECTION 7. HANDLING AND STORAGE

1. GENERAL : KEEP IN TIGHTLY CLOSED CONTAINERS IN A COOL, DRY, DARK STORAGE AREA
2. STORAGE PRESSURE: ATMOSPHERIC
3. STORAGE TEMPERATURE: AMBIENT



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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

1. MECHANICAL EXHAUST REQUIRED
2. CHEMICAL SAFETY GOGGLES.
3. SAFETY SHOWER AND EYE BATH IS REQUIRED.
4. NIOSH/MSHA-APPROVED RESPIRATOR IN CASE OF REPEATED, PROLONGED OR LARGE AMOUNT OF EXPOSURE.

SECTION 9. PHYSICAL / CHEMICAL PROPERTIES

1. APPEARANCE: WHITE POWDER
2. ODOR: NONE
3. BOILING POINT: NOT APPLICABLE
4. TASTE: NONE
5. BOILING POINT: NOT APPLICABLE
6. VAPOR PRESSURE: NOT APPLICABLE
7. MELTING POINT: NOT APPLICABLE
8. SPECIFIC GRAVITY: NOT APPLICABLE

SECTION 10. STABILITY AND REACTIVITY

1. STABLE AT ROOM TEMPERATURE UNDER ATMOSPHERIC PRESSURE. AVOID HEAT, FLAME. SPARK OR IGNITING SOURCES.
2. HAZARDOUS DECOMPOSITION PRODUCTS : NOT APPLICABLE
3. POLYMERIZATION : WILL NOT OCCUR.

SECTION 11. TOXICOLOGICAL INFORMATION

1. ACUTE TOXICOLOGY(RAT IN ORAL) : 5g/Kg body weight
2. SKIN IRRITATION(HUMAN): NOT IRRITANT
SKIN IRRITATION(RABBIT): NOT IRRITANT
3. EYE IRRITATION: NO IRRITATION EFFECT OF HA ON THE MUCOSA OF CONJUNCTIVA
NO IRRITATION OF THE EPITEL OF CORNEA
4. SENSITIZATION: Human repeat insult patch test : No sensitization
Photosensitization : No sensitization



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SECTION 12. ECOLOGICAL INFORMATION

1. BIODEGRADABILITY : Data not available
2. ENVIRONMENTAL RISKS: Do not dispose of the product in the environment and in water courses. The product and its solutions must not be allowed to reach waste water.
3. OTHER INFORMATION: Observe good work practices.

SECTION 13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD :

Dispose of in authorized disposal plants, in accordance with local and national regulations.

SECTION 14. TRANSPORT INFORMATION

1. Road and Rail : Not classified
2. Sea : Not classified
3. Air : Not classified

SECTION 15. REGULATORY INFORMATION

1. CLASSIFICATION : This product is not classified as hazardous.
2. DANGER SYMBOL(S)
3. RISK PHRASE(S)
4. SAFETY PHRASE(S)

SECTION 16. OTHER INFORMATION

The information provided herein is based on the best of our knowledge as of the date shown above. It only refers to the specified product and it is not a guarantee of any particular qualities. It is the user's responsibility to make sure of the suitability and completeness of this information with reference to the product's intended use. Further information may be obtained from the manufacturer.