

## SAFETY DATA SHEET

Revision: 8.0  
Issue Date: 04-30-2010  
Revision Date: 01-08-2020

---

### SECTION 1: Product and Company Identification

PRODUCT NAME: CORIN® XLS Powder

MANUFACTURER/SUPPLIER:  
NeXolve Holding Company, LLC  
290 Dunlop Blvd, Suite 200  
Huntsville, AL 35824  
256-836-7780

EMERGENCY HEALTH/EMERGENCY SPILL  
INFORMATION:

**For Hazardous Materials [or Dangerous Goods] Incident  
Spill, Leak, Fire, Exposure, or Accident  
Call CHEMTREC Day or Night  
Within USA and Canada: 1-800-424-9300 CCN702632 or  
+1 703-527-3887 (collect calls accepted)**

For R&D use only. Not for drug, household or other uses.

---

### SECTION 2: Hazards Identification

#### GHS Classification

Acute Toxicity, Oral (Category 5), H303  
Acute Toxicity, Dermal (Category 5), H313  
Eye Irritation, (Category 2B), H320  
Acute Toxicity, Inhalation (Category 5), H333

**GHS Label elements, including precautionary statements**

**Pictograms:**

None

**Signal word:** Warning

**Hazard statement(s):**

H303: May be harmful if swallowed

H313: May be harmful in contact with skin

H320: Causes eye irritation

H333: May be harmful if inhaled

**Precautionary statement(s):**

P201: Obtain special instructions before use.

P261: Avoid breathing dust.

P264: Wash hands thoroughly with soap and plenty of water after handling.

P271: Use only outdoors or in a well-ventilated area.

P280: Wear protective gloves/ protective clothing.

P304 + P312: IF INHALED: Call a POISON CENTER/doctor/... if you feel unwell.

P304 + P340: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do - continue rinsing.

P312 Call a POISON CENTER or doctor/ physician of you feel unwell.

P337 + P313: IF eye irritation persists: Get medical advice/attention.

P402: Store in a dry place.

P501 Dispose of contents/ container to an approved waste disposal plant.

**HMIS Classification**

**Health hazard: 1**

**Chronic Health Hazard: \***

**Flammability: 1**

**Physical hazards: 0**

**NFPA Rating**

**Health hazard: 1**

Fire: 1

Reactivity Hazard: 0

---

### SECTION 3: Composition/information on ingredients

COMPONENT	CAS#	Range % by WT
CORIN® XLS Powder	NA	100 %
N,N Dimethylacetamide (Residual in powder	127-19-5	< 1%

---

### SECTION 4: First Aid Measures

#### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

#### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

#### In case of skin contact

Wash off with soap and plenty of water.

#### In case of eye contact

Flush eyes with water as a precaution.

#### If swallowed

Induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

---

### SECTION 5: Firefighting Measures

#### Conditions of flammability

Dust can form an explosive mixture in the air.

#### Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### Special protective equipment for firefighters

Wear self contained breathing apparatus for firefighting if necessary.

#### Hazardous combustion products

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx)

#### Explosion Data

None

### Sensitivity to Mechanical Impact

None

### Sensitivity to static discharge

Fine dust dispersed in air, in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard

---

## SECTION 6: Accidental release measures

### Personal precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas.

### Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

### Methods and materials for containment and cleaning up

Contain spillage, and then collect with an electrically protected vacuum or by wet-brushing and place in container for disposal according to local regulations.

---

## SECTION 7: Handling and Storage

### Precautions for safe handling

Avoid contact with skin and eyes. Wear personal protective equipment. Remove and wash contaminated clothing before re-use. Minimize dust generation and accumulation. Fine dust dispersed in air may ignite. Keep away from sources of ignition — No smoking. Handle in accordance with good industrial hygiene and safety practice.

### Conditions for safe storage

Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage.

Store under inert gas. Hygroscopic.

---

## SECTION 8: Exposure controls/personal protection

### Components with workplace control parameters

Components	CAS-No.	Value	Control Parameters	Basis
N,N-Dimethylacetamide	127-19-5	TWA	10 ppm	USA. ACGIH Threshold Limit Values (TLV)

Remarks	Liver damage Embryo/fetal damage Substances for which there is a Biological Exposure Index or Indices (see BEI® section) Not classifiable as a human carcinogen Danger of cutaneous absorption			
		TWA	10 ppm 35 mg/m3	USA. NIOSH Recommended Exposure Limits
	Potential for dermal absorption			
		TWA	10 ppm 35 mg/m3	USA. Occupational Exposure Limits (OSHA) - Table Z-1 Limits for Air Contaminants
	Skin designation The value in mg/m3 is approximate.			
		PEL	10 ppm 35 mg/m3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)
	Skin			

**Biological occupational exposure limits**

Component	CAS-No.	Parameters	Value	Biological specimen	Basis
N'N-Dimethylacetamide	127-19-5	N-methylacetamide	30 mg/g Creatinine	Urine	ACGIH – Biological Exposure Indices (BEI)
Remarks	End of shift at end of workweek				

**Derived No Effect Level (DNEL) for N'N-Dimethylacetamide**

Application Area	Exposure routes	Health effect	Value
Workers	Skin contact	Long – term systemic effects	13.6 mg/Kg BW/d
Workers	Inhalation	Long – term systemic effects	36 mg/m3

**Predicted No Effect Concentration (PNEC) for N'N-Dimethylacetamide**

Compartment	Value
Soil	0.15 mg/Kg
Marine water	0.0966 mg/l
Fresh water	0.5 mg/l
Fresh water sediment	2.27 mg/Kg
Sewage treatment plant	485 mg/l
Aquatic intermittent release	5 mg/l

**Personal protective equipment**

### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

### Hand protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

### Eye protection

Safety glasses, use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

### Skin and body protection

Complete suit protecting against chemicals, the type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

### Hygiene measures

Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product.

---

## SECTION 9: Physical and chemical properties

### Appearance

Form	Powder
Color	Tan to light yellow

### Safety data

pH	no data available
Melting point/freezing point	no data available
Boiling point	no data available
Flash point	no data available

Ignition temperature	no data available
Autoignition temperature	no data available
Lower explosion limit	no data available
Upper explosion limit	no data available
Vapour pressure	no data available
Density	no data available
Water solubility	no data available
Partition coefficient: n-octanol/water	no data available
Relative vapour density	no data available
Odor	no data available
Odor Threshold	no data available
Evaporation rate	no data available

---

## **SECTION 10: Stability and Reactivity**

### **Chemical stability**

Stable under recommended storage conditions.

### **Possibility of hazardous reactions**

no data available

### **Conditions to avoid**

Heat, flames and sparks.

### **Materials to avoid**

Strong oxidizing agents

### **Hazardous decomposition product**

Hazardous decomposition products formed under fire conditions. - Carbon oxides, nitrogen oxides (NOx) Other decomposition products - no data available

---

## **SECTION 11: Toxicological Information**

**Acute toxicity**

**Oral LD50**

No data available

**Inhalation LC50**

No data available

**Dermal LD50**

No data available

**Other information on acute toxicity**

no data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitization**

No data available

**Germ cell mutagenicity**

no data available

**Carcinogenicity**

IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

**Reproductive toxicity**

no data available

**Teratogenicity**

no data available

**Specific target organ toxicity - single exposure (Globally Harmonized System)**

no data available



**Specific target organ toxicity - repeated exposure (Globally Harmonized System)**

no data available

**Aspiration hazard**

no data available

---

**SECTION 12: Ecological Information**

**Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

no data available

**Mobility in soil**

no data available

**PBT and vPvB assessment**

no data available

**Other adverse effects**

no data available

---

**SECTION 13: Disposal considerations**

**Product**

This material may be burned in a chemical incinerator equipped with an Afterburner and scrubber. Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material.

**Contaminated packaging**

Dispose of as unused product.

---

**SECTION 14: Transportation information**

**DOT (US)**

Not Regulated

**IMDG**

Not Regulated

**IATA**

Not Regulated

---

**SECTION 15: Regulatory information**

**Toxic Substance Control Act (TSCA 8b.):** This product is NOT on the EPA Toxic Substances Control Act (TSCA) inventory. The following notices are required by 40 CFR 720.36 (C) for those products not on the inventory list:

- (i) These products are supplied solely for use in research and development by or under the supervision of a technically qualified individual as defined in 40 CFR 720.0 et sec.
- (ii) The health risks of these products have not been fully determined. Any information that is or becomes available will be supplied on a SDS sheet.

**SARA 302 Components**

SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

SARA 313: This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

**Massachusetts Right To Know Components**

Component	CAS-No.	Revision Date
N,N-Dimethylacetamide(residual in powder)	127-19-5	1993-04-24

**Pennsylvania Right To Know Components**

Component	CAS-No.	Revision Date
N,N-Dimethylacetamide(residual in powder)	127-19-5	1993-04-24

**New Jersey Right To Know Components**

Component	CAS-No.	Revision Date
N,N-Dimethylacetamide(residual in powder)	127-19-5	1993-04-24

**California Prop. 65 Components**

WARNING! This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Component	CAS-No.	Revision Date
N,N-Dimethylacetamide(residual in powder)	127-19-5	2013-12-20

---

**SECTION 16: Other information**



NeXolve Holding Company  
290 Dunlop Boulevard  
Building 200  
Huntsville, AL 35824

The information contained herein is believed to be correct, but there is no guarantee such information is accurate or complete, and this Safety Data Sheet does not make any warranty, express or implied, regarding the product. NeXolve does not assume liability for any loss or damage, direct or indirect, arising out of the use of this information. The user is solely responsible for (1) the safe handling and use of this product, (2) legal compliance, and (3) all losses, damages, or liability from use of this product.