

## The Natural

Version number: GHS 4.0  
Replaces version of: 2025-01-10 (GHS 3)

Revision: 2025-02-06

## SECTION 1: Identification

## 1.1 Product identifier

|                     |                    |
|---------------------|--------------------|
| Trade name          | <b>The Natural</b> |
| Alternative name(s) | Natural 8          |
| Product number      | C026-8             |

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

|                          |                  |
|--------------------------|------------------|
| Relevant identified uses | professional use |
|--------------------------|------------------|

## 1.3 Details of the supplier of the safety data sheet

Chem-Dry, Inc  
1530 N. 1000 W.  
Logan, UT 84321  
435-890-1099:

## 1.4 Emergency telephone number

|                               |                          |
|-------------------------------|--------------------------|
| Emergency information service | Chemtrec: 1-703-527-3887 |
|-------------------------------|--------------------------|

## SECTION 2: Hazard(s) identification

## 2.1 Classification of the substance or mixture

Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

| Section | Hazard class                      | Category | Hazard class and category | Hazard statement |
|---------|-----------------------------------|----------|---------------------------|------------------|
| A.3     | serious eye damage/eye irritation | 2        | Eye Irrit. 2              | H319             |

For full text of abbreviations: see SECTION 16.

## 2.2 Label elements

Labelling acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)

- Signal word warning

- Pictograms



- Hazard statements

H319 Causes serious eye irritation.

- Precautionary statements

P280 Wear eye protection/face protection.

P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

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**2.3 Other hazards**

Hazards not otherwise classified

May be harmful in contact with skin (GHS category 5: acutely toxic - dermal).

Results of PBT and vPvB assessment

Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

Endocrine disrupting properties

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not relevant (mixture)

**3.2 Mixtures**

Description of the mixture

| Name of substance        | Identifier         | Wt%       |
|--------------------------|--------------------|-----------|
| sodium carbonate         | CAS No<br>497-19-8 | 25 – < 50 |
| (+)-tartaric acid        | CAS No<br>87-69-4  | 10 – < 25 |
| adipic acid              | CAS No<br>124-04-9 | 10 – < 25 |
| Citric acid              | CAS No<br>77-92-9  | 10 – < 25 |
| Sodium hydrogencarbonate | CAS No<br>144-55-8 | 10 – < 25 |
| Gum Arabic               |                    | 1 – < 5   |

**Remarks**

For full text of abbreviations: see SECTION 16

**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

Wash with plenty of soap and water. Rinse skin with water/shower. Remove all contaminated clothing if skin irritation occurs. Get medical attention if irritation persists.

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. Get medical attention if irritation develops or persists.

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Following ingestion

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

**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: Fire-fighting 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**

Deposited combustible dust has considerable explosion potential.

Hazardous combustion products

Carbon monoxide (CO), Carbon dioxide (CO<sub>2</sub>)

**5.3 Advice for firefighters**

In case of fire and/or explosion do not breathe fumes. Coordinate 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

Prevent skin contact. Wear appropriate personal protective equipment. Contain spilled material.

**6.2 Environmental precautions**

not required

**6.3 Methods and material for containment and cleaning up**

Advice on how to contain a spill

Take up mechanically

Advice on how to clean up a spill

Take up mechanically. Vacuum or sweep up material and place in a disposal container.

Appropriate containment techniques

Cleaning techniques. Vacuuming techniques.

Other information relating to spills and releases

Place in appropriate containers for disposal.

**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.

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### 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. Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from incompatible substances.
- 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  
Store in a cool dry place.

#### 7.3 Specific end use(s)

See section 16 for a general overview.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

| Occupational exposure limit values (Workplace Exposure Limits) |  |        |            |           |                          |            |                           |                 |                                |                 |                  |
|--|--|--------|------------|-----------|--------------------------|------------|---------------------------|-----------------|--------------------------------|-----------------|------------------|
| Country  | Name of agent                                | CAS No | Identifier | TWA [ppm] | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Ceiling-C [ppm] | Ceiling-C [mg/m <sup>3</sup> ] | Notation        | Source           |
| US   | particulate not otherwise regulated          |        | REL        |           |                          |            |                           |                 |                                | appx-D          | NIOSH REL        |
| US   | particulates not otherwise classified (PNOC) |        | PEL        |           | 15                       |            |                           |                 |                                | dust            | 29 CFR 1910.1000 |
| US   | particulates not otherwise classified (PNOC) |        | PEL        | 1,765     |                          |            |                           |                 |                                | partml, dust    | 29 CFR 1910.1000 |
| US   | particulates not otherwise classified (PNOC) |        | PEL        | 529.5     |                          |            |                           |                 |                                | partml, r, dust | 29 CFR 1910.1000 |
| US   | particulates not otherwise classified        |        | PEL        |           | 5                        |            |                           |                 |                                | r               | 29 CFR 1910.10   |

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| Occupational exposure limit values (Workplace Exposure Limits) |                                      |          |            |           |                          |            |                           |                 |                                |          |              |
|--|--------------------------------------|----------|------------|-----------|--------------------------|------------|---------------------------|-----------------|--------------------------------|----------|--------------|
| Country  | Name of agent                        | CAS No   | Identifier | TWA [ppm] | TWA [mg/m <sup>3</sup> ] | STEL [ppm] | STEL [mg/m <sup>3</sup> ] | Ceiling-C [ppm] | Ceiling-C [mg/m <sup>3</sup> ] | Notation | Source       |
|  | fied (PNOC)                          |          |            |           |                          |            |                           |                 |                                |          | 00           |
| US   | Particulates not otherwise regulated |          | PEL (CA)   |           | 10                       |            |                           |                 |                                | dust     | Cal/OSHA PEL |
| US   | Particulates not otherwise regulated |          | PEL (CA)   |           | 5                        |            |                           |                 |                                | r        | Cal/OSHA PEL |
| US   | adipic acid                          | 124-04-9 | PEL (CA)   |           | 5                        |            |                           |                 |                                |          | Cal/OSHA PEL |
| US   | adipic acid                          | 124-04-9 | TLV®       |           | 5                        |            |                           |                 |                                |          | ACGIH® 2024  |

### Notation

|           |  |
|-----------|--|
| appx-D    | see Appendix D - Substances with No Established RELs   |
| Ceiling-C | ceiling value is a limit value above which exposure should not occur   |
| dust      | as dust  |
| part/ml   | particles/ml   |
| 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.

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## Skin protection



## - Hand protection

If dry powder irritates skin wear protective gloves. . Wash hands thoroughly after handling. Check leak-tightness/impermeability prior to use.

## - Other protection measures

Protective clothing against liquid chemicals. Footwear protecting against chemicals. Wash hands thoroughly after handling.

## Respiratory protection

If it causes respiratory tract irritation wear a mask. In case of inadequate ventilation wear 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****Appearance**

|                |                |
|----------------|----------------|
| Physical state | solid          |
| Color          | not determined |
| Odor           | Mild           |

**Other safety parameters**

|   |   |
|---|---|
| pH (value)                              | 5 – 6 (20 °C)   |
| Melting point/freezing point            | not determined  |
| Initial boiling point and boiling range | not determined  |
| Flash point                             | not applicable  |
| Evaporation rate                        | not determined  |
| Flammability (solid, gas)               | this material is combustible, but will not ignite readily |
| Explosion limits of dust clouds         | not determined  |
| Vapor pressure                          | not determined  |

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|                  |   |
|------------------|---|
| Density          | not determined                                |
| Vapor density    | this information is not available             |
| Relative density | information on this property is not available |
| Solubility(ies)  | not determined                                |

## Partition coefficient

|                             |   |
|-----------------------------|---|
| - n-octanol/water (log KOW) | this information is not available                         |
| Auto-ignition temperature   | ≥338.9 °C (relative self-ignition temperature for solids) |
| Viscosity                   | not relevant (solid matter)                               |
| Explosive properties        | none  |
| Oxidizing properties        | none  |

**SECTION 10: Stability and reactivity****10.1 Reactivity**

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

**10.2 Chemical stability**

See below "Conditions to avoid".

**10.3 Possibility of hazardous reactions**

No known hazardous reactions.

**10.4 Conditions to avoid**

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**

Oxidizers

**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**

Test data are not available for the complete mixture.

Classification procedure

The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

**Classification acc. to OSHA "Hazard Communication Standard" (29 CFR 1910.1200)**

Acute toxicity

Shall not be classified as acutely toxic.

GHS of the United Nations, annex 4: May be harmful in contact with skin.

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**Skin corrosion/irritation**

Shall not be classified as corrosive/irritant to skin.

**Serious eye damage/eye irritation**

Causes serious eye irritation.

**Respiratory or skin sensitization**

Shall not be classified as a respiratory or skin sensitizer.

**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.

**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**

According to the results of its assessment, this substance is not a PBT or a vPvB. Does not contain a PBT-/vPvB-substance at a concentration of  $\geq 0.1\%$ .

**12.6 Endocrine disrupting properties**

Does not contain an endocrine disruptor (ED) in a concentration of  $\geq 0.1\%$ .

**12.7 Other adverse effects**

Data are not available.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods**

No waste related measures required. May be disposed together with household wastes. Not considered hazardous waste.

**Sewage disposal-relevant information**

Safe for sewage disposal.



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### Waste treatment of containers/packages

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

### Remarks

Treat or dispose of waste material in accordance with all local, state/provincial, and national requirements. Waste shall be separated into the categories that can be handled separately by the local or national waste management facilities.

## SECTION 14: Transport information

|  |   |
|--|---|
| <b>14.1 UN number</b>                                      | not subject to transport regulations                                  |
| <b>14.2 UN proper shipping name</b>                        | not relevant  |
| <b>14.3 Transport hazard class(es)</b>                     | none  |
| <b>14.4 Packing group</b>                                  | not assigned  |
| <b>14.5 Environmental hazards</b>                          | non-environmentally hazardous acc. to the dangerous goods regulations |
| <b>14.6 D.O.T. Shipping Information</b>                    |   |
| D.O.T. Not Regulated.                                      |   |
| <b>14.7 Transport in bulk according to IMO instruments</b> |   |
| The cargo is not intended to be carried in bulk.           |   |

### Information for each of the UN Model Regulations

#### **Transport of dangerous goods by road or rail (49 CFR US DOT) - Additional information**

Not subject to transport 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 specific for the product in question**

#### **National regulations (United States)**

##### **Superfund Amendment and Reauthorization Act (SARA TITLE III )**

- The List of Extremely Hazardous Substances and Their Threshold Planning Quantities (EPCRA Section 302, 304)

none of the ingredients are listed

- Specific Toxic Chemical Listings (EPCRA Section 313)

none of the ingredients are listed

##### **Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)**

- List of Hazardous Substances and Reportable Quantities (CERCLA section 102a) (40 CFR 302.4)

| Name of substance | CAS No   | Remarks | Statutory code | Final RQ pounds (Kg) |
|-------------------|----------|---------|----------------|----------------------|
| adipic acid       | 124-04-9 |         | 1              | 5000 (2270)          |

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Legend

1 "1" indicates that the statutory source is section 311(b)(2) of the Clean Water Act

**Clean Air Act**

none of the ingredients are listed

**Right to Know Hazardous Substance List**

- Cleaning Product Right to Know Act Substance List (CA-RTK)

none of the ingredients are listed

- Toxic or Hazardous Substance List (MA-TURA)

none of the ingredients are listed

- Hazardous Substances List (MN-ERTK)

| Name of substance | CAS No   | References | Remarks |
|-------------------|----------|------------|---------|
| adipic acid       | 124-04-9 | A          |         |

Legend

A American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices for 1992-93", available from ACGIH

- Hazardous Substance List (NJ-RTK)

| Name of substance | CAS No   | Remarks | Classifications |
|-------------------|----------|---------|-----------------|
| adipic acid       | 124-04-9 |         |                 |

- Hazardous Substance List (Chapter 323) (PA-RTK)

| Name acc. to inventory | CAS No   | Classification |
|------------------------|----------|----------------|
| HEXANEDIOIC ACID       | 124-04-9 | E              |

Legend

E Environmental hazard

- Hazardous Substance List (RI-RTK)

| Name of substance | CAS No   | References |
|-------------------|----------|------------|
| adipic acid       | 124-04-9 | F          |

Legend

F Flammability (NFPA®)

**California Environmental Protection Agency (Cal/EPA): Proposition 65 - Safe Drinking Water and Toxic Enforcement Act of 1987**

none of the ingredients are listed

**VOC content**

- Regulated Volatile Organic Compounds (VOC-EPA) 17.73 %
- Regulated Volatile Organic Compounds (VOC-Cal ARB) 17.73 %

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### Industry or sector specific available guidance(s)

#### NPCA-HMIS® III

Hazardous Materials Identification System. American Coatings Association.

| Category            | Rating | Description  |
|---------------------|--------|--|
| Chronic             | /      | none   |
| Health              | 2      | temporary or minor injury may occur  |
| Flammability        | 2      | material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur                                       |
| Physical hazard     | 0      | material that is normally stable, even under fire conditions, and will not react with water, polymerize, decompose, condense, or self-react. Non-explosive |
| Personal protection | -      |  |

#### NFPA® 704

National Fire Protection Association: Standard System for the Identification of the Hazards of Materials for Emergency Response (United States).

| Category       | Degree of hazard | Description  |
|----------------|------------------|--|
| Flammability   | 2                | material that must be moderately heated or exposed to relatively high ambient temperatures before ignition can occur |
| Health         | 0                | material that, under emergency conditions, would offer no hazard beyond that of ordinary combustible material        |
| Instability    | 0                | material that is normally stable, even under fire conditions   |
| Special hazard |                  |  |

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

## SECTION 16: Other information, including date of preparation or last revision

### Abbreviations and acronyms

| Abbr.            | Descriptions of used abbreviations   |
|------------------|--|
| 29 CFR 1910.1000 | 29 CFR 1910.1000, Tables Z-1, Z-2, Z-3 - Occupational Safety and Health Standards: Toxic and Hazardous Substances (permissible exposure limits)  |
| 49 CFR US DOT    | 49 CFR U.S. Department of Transportation   |
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| Cal/OSHA PEL     | California Division of Occupational Safety and Health (Cal/OSHA): Permissible Exposure Limits (PELs)   |
| Cal ARB          | California Air Resources Board   |
| CAS              | Chemical Abstracts Service (service that maintains the most comprehensive list of chemical substances)   |
| Ceiling-C        | Ceiling value  |
| DGR              | Dangerous Goods Regulations (see IATA/DGR)   |

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| Abbr.          | Descriptions of used abbreviations   |
|----------------|--|
| ED             | Endocrine disruptor  |
| EPA            | Environmental Protection Agency. An agency of the federal government of the United States charged with protecting human health and the environment |
| 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  |
| NFPA®          | National Fire Protection Association (United States)   |
| NIOSH REL      | National Institute for Occupational Safety and Health (NIOSH): Recommended Exposure Limits (RELs)  |
| NPCA-HMIS® III | National Paint and Coatings Association: Hazardous Materials Identification System - HMIS® III, Third Edition                                      |
| OSHA           | Occupational Safety and Health Administration (United States)  |
| PBT            | Persistent, Bioaccumulative and Toxic  |
| PEL            | Permissible exposure limit   |
| ppm            | Parts per million  |
| RTECS          | Registry of Toxic Effects of Chemical Substances (database of NIOSH with toxicological information)  |
| STEL           | Short-term exposure limit  |
| TLV®           | Threshold Limit Values   |
| TWA            | Time-weighted average  |
| VOC            | Volatile Organic Compounds   |
| vPvB           | Very Persistent and very Bioaccumulative   |

### Key literature references and sources for data

OSHA Hazard Communication Standard (HCS), 29 CFR 1910.1200.

Transport of dangerous goods by road or rail (49 CFR US DOT). International Maritime Dangerous Goods Code (IMDG). Dangerous Goods Regulations (DGR) for the air transport (IATA).

### Classification procedure

Physical and chemical properties: The classification is based on tested mixture.

Health hazards, Environmental hazards: The method for classification of the mixture is based on ingredients of the mixture (additivity formula).

### List of relevant phrases (code and full text as stated in section 2 and 3)

| Code | Text                           |
|------|--------------------------------|
| H319 | Causes serious eye irritation. |

### Disclaimer

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