

# SAFETY DATA SHEET

Issuing Date 19-Dec-2019

Revision Date 19-Nov-2019

Revision Number 1

NGHS / English



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## 1. IDENTIFICATION

### Product identifier

Product Name NICOTINE 2MG ORIGINAL UNCOATED USP GUM

### Other means of identification

Product Code(s) 1549300

### Recommended use of the chemical and restrictions on use

Recommended Use Nicotine Replacement Therapy - Gum

Restrictions on use No information available

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

Supplier Identification PL Developments

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### Emergency telephone number

Company Emergency Phone Number 516-986-1700

## 2. HAZARDS IDENTIFICATION

### Classification

Acute toxicity - Oral

Category 3



|   |            |
|---|------------|
| Acute toxicity - Dermal                   | Category 1 |
| Acute toxicity - Inhalation (Dusts/Mists) | Category 2 |

**Appearance** No data available**Physical state** Solid**Odor** Sweet**GHS Label elements, including precautionary statements****Danger****Hazard statements**

Toxic if swallowed  
 Fatal in contact with skin  
 Fatal if inhaled

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling  
 Do not eat, drink or smoke when using this product  
 Do not get in eyes, on skin, or on clothing  
 Wear protective gloves/protective clothing  
 Do not breathe dust/fume/gas/mist/vapors/spray  
 Use only outdoors or in a well-ventilated area  
 Wear respiratory protection

**Precautionary Statements - Response**

Specific treatment is urgent (see supplemental first aid instructions on this label)

**Skin**

IF ON SKIN: Wash with plenty of water and soap  
 Immediately call a POISON CENTER or doctor  
 Take off immediately all contaminated clothing and wash it before reuse

**Inhalation**

IF INHALED: Remove person to fresh air and keep comfortable for breathing  
 Immediately call a POISON CENTER or doctor

**Ingestion**

IF SWALLOWED: Immediately call a POISON CENTER or doctor  
 Rinse mouth

**Precautionary Statements - Storage**

Store locked up  
 Store in a well-ventilated place. Keep container tightly closed

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other information**

**Unknown acute toxicity** 97.5 % of the mixture consists of ingredient(s) of unknown toxicity  
 88.2 % of the mixture consists of ingredient(s) of unknown acute oral toxicity

97.5 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 97.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 97.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 97.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substance

Not applicable.

#### Mixture

| Chemical name        | CAS No.    | Weight-% | Hazardous Material Information Review Act registry number (HMIRA registry #) | Date HMIRA filed and date exemption granted (if applicable) |
|----------------------|------------|----------|--|---|
| Potassium acesulfame | 55589-62-3 | 7.8      | -  | -   |
| Sodium carbonate     | 497-19-8   | 1.5      | -  | -   |
| Nicotine polacrilex  | 96055-45-7 | 0.74     | -  | -   |

### 4. FIRST AID MEASURES

#### Description of first aid measures

|   |  |
|---|--|
| <b>General advice</b>                     | Show this safety data sheet to the doctor in attendance. Immediate medical attention is required.  |
| <b>Inhalation</b>                         | If breathing has stopped, give artificial respiration. Get medical attention immediately. Remove to fresh air. Do not breathe dust. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. If breathing is difficult, (trained personnel should) give oxygen.   |
| <b>Eye contact</b>                        | Get immediate medical advice/attention. Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing.   |
| <b>Skin contact</b>                       | Get immediate medical advice/attention. Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes.  |
| <b>Ingestion</b>                          | Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Get immediate medical advice/attention.  |
| <b>Self-protection of the first aider</b> | Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Do not breathe dust. Do not use mouth-to-mouth method if victim ingested or inhaled the substance; give artificial respiration with the aid of a pocket mask equipped with a one-way valve or other proper respiratory medical device. Use personal protective equipment as required. See section 8 for more information. |

#### Most important symptoms and effects, both acute and delayed

**Symptoms** Coughing and/ or wheezing. Difficulty in breathing.

#### Indication of any immediate medical attention and special treatment needed



Note to physicians Treat symptomatically.

## 5. FIRE-FIGHTING MEASURES

|   |  |
|---|--|
| <b>Suitable Extinguishing Media</b>                   | Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.                            |
| <b>Large Fire</b>                                     | CAUTION: Use of water spray when fighting fire may be inefficient.   |
| <b>Unsuitable extinguishing media</b>                 | Do not scatter spilled material with high pressure water streams.  |
| <b>Specific hazards arising from the chemical</b>     | No information available.  |
| <b>Hazardous Combustion Products</b>                  | Carbon oxides.   |
| <b>Explosion Data</b>                                 |  |
| <b>Sensitivity to Mechanical Impact</b>               | NONE.  |
| <b>Sensitivity to Static Discharge</b>                | NONE.  |
| <b>Special protective equipment for fire-fighters</b> | Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment. |

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

|                             |   |
|-----------------------------|---|
| <b>Personal precautions</b> | Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Avoid generation of dust. Do not breathe dust. Keep people away from and upwind of spill/leak. |
| <b>Other Information</b>    | Refer to protective measures listed in Sections 7 and 8.  |

### Methods and material for containment and cleaning up

|                                |   |
|--------------------------------|---|
| <b>Methods for containment</b> | Prevent further leakage or spillage if safe to do so. |
| <b>Methods for cleaning up</b> | Pick up and transfer to properly labeled containers.  |

## 7. HANDLING AND STORAGE

### Precautions for safe handling

|                                |   |
|--------------------------------|---|
| <b>Advice on safe handling</b> | Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Take off contaminated clothing and wash before reuse. Do not breathe dust. Avoid generation of dust. In case of insufficient ventilation, wear suitable respiratory equipment. Handle product only in closed system or provide appropriate exhaust ventilation. Do not eat, drink or smoke when using this product. |
|--------------------------------|---|

### Conditions for safe storage, including any incompatibilities



**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

**Exposure Limits** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

### Appropriate engineering controls

**Engineering controls** Showers  
Eyewash stations  
Ventilation systems.

### Individual protection measures, such as personal protective equipment

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Hand protection** Wear suitable gloves. Impervious gloves.

**Skin and body protection** Impervious clothing. Wear suitable protective clothing. Long sleeved clothing. Chemical resistant apron.

**Respiratory protection** When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.

**General hygiene considerations** Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Wear suitable gloves and eye/face protection. Do not eat, drink or smoke when using this product. Remove and wash contaminated clothing and gloves, including the inside, before re-use. Regular cleaning of equipment, work area and clothing is recommended. Wash hands before breaks and immediately after handling the product. Do not breathe dust. Take off contaminated clothing and wash before reuse. Contaminated work clothing should not be allowed out of the workplace.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

|                       |                          |
|-----------------------|--------------------------|
| <b>Physical state</b> | Solid                    |
| <b>Appearance</b>     | No data available        |
| <b>Odor</b>           | Sweet                    |
| <b>Color</b>          | No information available |
| <b>Odor Threshold</b> | Not applicable           |

| <u>Property</u>                      | <u>Values</u>     | <u>Remarks Method</u> |
|--------------------------------------|-------------------|-----------------------|
| <b>pH</b>                            | No data available | None known            |
| <b>Melting / freezing point</b>      | No data available | None known            |
| <b>Boiling point / boiling range</b> | No data available | None known            |
| <b>Flash Point</b>                   | No data available | None known            |
| <b>Evaporation Rate</b>              | No data available | None known            |
| <b>Flammability (solid, gas)</b>     | No data available | None known            |

|   |                    |            |
|---|--------------------|------------|
| <b>Flammability Limit in Air</b>                          |                    | None known |
| <b>Upper flammability limit</b>                           | No data available  |            |
| <b>Lower flammability limit</b>                           | No data available  |            |
| <b>Vapor pressure</b>                                     | No data available  | None known |
| <b>Vapor density</b>                                      | No data available  | None known |
| <b>Relative density</b>                                   | No data available  | None known |
| <b>Water Solubility</b>                                   | Moderately soluble |            |
| <b>Solubility(ies)</b>                                    | No data available  | None known |
| <b>Partition coefficient: n-octanol/water<sup>0</sup></b> |                    |            |
| <b>Autoignition temperature</b>                           | No data available  | None known |
| <b>Decomposition temperature</b>                          | No data available  | None known |
| <b>Kinematic viscosity</b>                                | No data available  | None known |
| <b>Dynamic viscosity</b>                                  | No data available  | None known |

**Other Information**

|                                   |                          |
|-----------------------------------|--------------------------|
| <b>Explosive properties</b>       | No information available |
| <b>Oxidizing properties</b>       | No information available |
| <b>Softening Point</b>            | No information available |
| <b>Molecular Weight</b>           | No information available |
| <b>VOC Content (%)</b>            | No information available |
| <b>Liquid Density</b>             | No information available |
| <b>Bulk Density</b>               | No information available |
| <b>Particle Size</b>              | No information available |
| <b>Particle Size Distribution</b> | No information available |

## 10. STABILITY AND REACTIVITY

|   |   |
|---|---|
| <b>Reactivity</b>                         | No information available.                 |
| <b>Chemical stability</b>                 | Stable under normal conditions.           |
| <b>Possibility of Hazardous Reactions</b> | None under normal processing.             |
| <b>Hazardous Polymerization</b>           | Hazardous polymerization does not occur.  |
| <b>Conditions to avoid</b>                | Excessive heat.                           |
| <b>Incompatible materials</b>             | None known based on information supplied. |
| <b>Hazardous Decomposition Products</b>   | Carbon oxides.                            |

## 11. TOXICOLOGICAL INFORMATION

**Information on likely routes of exposure****Product Information**

|                     |  |
|---------------------|--|
| <b>Inhalation</b>   | Specific test data for the substance or mixture is not available. Fatal if inhaled. (based on components).           |
| <b>Eye contact</b>  | Specific test data for the substance or mixture is not available.  |
| <b>Skin contact</b> | Specific test data for the substance or mixture is not available. Fatal in contact with skin. (based on components). |

**Ingestion** Specific test data for the substance or mixture is not available. Toxic if swallowed. (based on components).

**Symptoms related to the physical, chemical and toxicological characteristics**

**Symptoms** Coughing and/ or wheezing. Difficulty in breathing.

**Numerical measures of toxicity**

**Acute Toxicity**

The following values are calculated based on chapter 3.1 of the GHS document .

|                                      |             |
|--------------------------------------|-------------|
| <b>ATEmix (oral)</b>                 | 72.10 mg/kg |
| <b>ATEmix (dermal)</b>               | 16.90 mg/kg |
| <b>ATEmix (inhalation-gas)</b>       | 337.87 ppm  |
| <b>ATEmix (inhalation-dust/mist)</b> | 0.17 mg/L   |
| <b>ATEmix (inhalation-vapor)</b>     | 1.69 mg/L   |

**Unknown acute toxicity** 97.5 % of the mixture consists of ingredient(s) of unknown toxicity  
 88.2 % of the mixture consists of ingredient(s) of unknown acute oral toxicity  
 97.5 % of the mixture consists of ingredient(s) of unknown acute dermal toxicity  
 97.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (gas)  
 97.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (vapor)  
 97.5 % of the mixture consists of ingredient(s) of unknown acute inhalation toxicity (dust/mist)

**Component Information**

| Chemical name    | Oral LD50            | Dermal LD50 | Inhalation LC50 |
|------------------|----------------------|-------------|-----------------|
| Sodium carbonate | = 4090 mg/kg ( Rat ) | -           | -               |

**Delayed and immediate effects as well as chronic effects from short and long-term exposure**

**Skin corrosion/irritation** No information available.  
**Serious eye damage/eye irritation** No information available.  
**Respiratory or skin sensitization** No information available.  
**Germ cell mutagenicity** No information available.  
**Carcinogenicity** No information available.  
**Reproductive toxicity** No information available.  
**STOT - single exposure** No information available.  
**STOT - repeated exposure** No information available.  
**Aspiration hazard** No information available.

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity** The environmental impact of this product has not been fully investigated.

| Chemical name | Toxicity to Algae | Toxicity to Fish | Toxicity to | Daphnia Magna (Water |
|---------------|-------------------|------------------|-------------|----------------------|
|---------------|-------------------|------------------|-------------|----------------------|

|                      |                                   |  | Microorganisms | Flea)                |
|----------------------|-----------------------------------|--|----------------|----------------------|
| Potassium acesulfame | -                                 | 96h LC50: 1800 - 2500 mg/L (Danio rerio)   | -              | -                    |
| Sodium carbonate     | 120h EC50: = 242 mg/L (Nitzschia) | 96h LC50: 310 - 1220 mg/L (Pimephales promelas) 96h LC50: = 300 mg/L (Lepomis macrochirus) | -              | 48h EC50: = 265 mg/L |

**Persistence and Degradability** No information available.

**Bioaccumulation** There is no data for this product.

**Mobility** No information available.

**Other adverse effects** No information available.

**13. DISPOSAL CONSIDERATIONS**

**Waste treatment methods**

**Waste from residues/unused products** Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislation.

**Contaminated packaging** Do not reuse empty containers.

**US EPA Waste Number** P075

| Chemical name                  | RCRA - Halogenated Organic Compounds | RCRA - P Series Wastes | RCRA - F Series Wastes | RCRA - K Series Wastes |
|--------------------------------|--------------------------------------|------------------------|------------------------|------------------------|
| Nicotine polacrilex 96055-45-7 |                                      | P075                   |                        |                        |

**California Waste Codes** 311

This product contains one or more substances that are listed with the State of California as a hazardous waste.

| Chemical name                  | California Hazardous Waste |
|--------------------------------|----------------------------|
| Sodium carbonate 497-19-8      | Corrosive                  |
| Nicotine polacrilex 96055-45-7 | Toxic                      |

**14. TRANSPORT INFORMATION**

**DOT**  
**Proper Shipping Name** NOT REGULATED  
**Hazard Class** NON-REGULATED  
 N/A

**TDG** Not regulated

**MEX** Not regulated





|                             |               |
|-----------------------------|---------------|
| <b>ICAO</b>                 | Not regulated |
| <b>IATA</b>                 | Not regulated |
| <b>Proper Shipping Name</b> | NON REGULATED |
| <b>Hazard Class</b>         | N/A           |
| <b>IMDG/IMO</b>             | Not regulated |
| <b>Hazard Class</b>         | N/A           |
| <b>RID</b>                  | Not regulated |
| <b>ADR</b>                  | Not regulated |
| <b>ADN</b>                  | Not regulated |

## 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### International Regulations

**The Montreal Protocol on Substances that Deplete the Ozone Layer** Not applicable

**The Stockholm Convention on Persistent Organic Pollutants** Not applicable

**The Rotterdam Convention** Not applicable

#### International Inventories

|                      |   |
|----------------------|---|
| <b>TSCA</b>          | Contact supplier for inventory compliance status. |
| <b>DSL/NDSL</b>      | Contact supplier for inventory compliance status. |
| <b>EINECS/ELINCS</b> | Contact supplier for inventory compliance status. |
| <b>ENCS</b>          | Contact supplier for inventory compliance status. |
| <b>KECL</b>          | Contact supplier for inventory compliance status. |
| <b>PICCS</b>         | Contact supplier for inventory compliance status. |
| <b>AICS</b>          | Contact supplier for inventory compliance status. |

#### Legend

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory  
**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List  
**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances  
**ENCS** - Japan Existing and New Chemical Substances  
**KECL** - Korean Existing and Evaluated Chemical Substances  
**PICCS** - Philippines Inventory of Chemicals and Chemical Substances  
**AICS** - Australian Inventory of Chemical Substances

### US Federal Regulations

#### SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product contains a chemical or chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

| Chemical name                    | CAS No.    | Weight-% | SARA 313 - Threshold Values % |
|----------------------------------|------------|----------|-------------------------------|
| Nicotine polacrilex - 96055-45-7 | 96055-45-7 | 0.74     | 1.0                           |

#### SARA 311/312 Hazard Categories

Should this product meet EPCRA 311/312 Tier reporting criteria at 40 CFR 370, refer to Section 2 of this SDS for appropriate

classifications. Under the amended regulations at 40 CFR 370, EPCRA 311/312 Tier II reporting for the 2017 calendar year will need to be consistent with updated hazard classifications.

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

| Chemical name                     | Hazardous Substances RQs | Extremely Hazardous Substances RQs | RQ  |
|-----------------------------------|--------------------------|------------------------------------|---|
| Nicotine polacrilex<br>96055-45-7 | 100 lb                   |                                    | RQ 100 lb final RQ<br>RQ 45.4 kg final RQ |

**US State Regulations**

**California Proposition 65**

This product does not contain any Proposition 65 chemicals.

**U.S. State Right-to-Know Regulations**

This product may contain substances regulated by state right-to-know regulations.

| Chemical name                     | New Jersey | Massachusetts | Pennsylvania | Rhode Island | Illinois |
|-----------------------------------|------------|---------------|--------------|--------------|----------|
| Nicotine polacrilex<br>96055-45-7 | X          |               |              | X            |          |

**16. OTHER INFORMATION**

|             |                  |                |                    |   |
|-------------|------------------|----------------|--------------------|---|
| <b>NFPA</b> | Health hazards 4 | Flammability 0 | Instability 0      | Physical and Chemical Properties -<br>Personal Protection X |
| <b>HMIS</b> | Health hazards 4 | Flammability 0 | Physical hazards 0 |   |

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**Issuing Date** 19-Dec-2019

**Revision Date** 19-Nov-2019

**Revision Note** No information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**

