

MATERIAL SAFETY DATA SHEET
(NICOTINE POLACRILEX/NICOTINE RESINATE)

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name : NICOTINE POLACRILEX/ NICOTINE RESINATE

Company Identification : Nicotine Vault.

Culver St, Somerville, NJ, 08876, USA

For information call : +1 (534) 444-6872

For emergencies call : +1 (534) 444-6872

For further enquiries : Info@nicotinevault.com

SECTION 2 - HAZARDS IDENTIFICATION

Classification

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200) Considered a dangerous substance or mixture according to the Globally Harmonized System (GHS)

Acute toxicity - Oral	Category 3
Acute toxicity - Dermal	Category 3
Serious eye damage/eye irritation	Category 2B
Reproductive toxicity	Category 1B
Specific target organ toxicity (repeated exposure)	Category 2

Label elements

Danger

Hazard statements

Toxic if swallowed

Toxic in contact with
skin Causes eye
irritation

May damage fertility or the unborn child

May cause damage to organs through prolonged or repeated exposure



Hazards not otherwise classified (HNOC)

Not Applicable

Other hazards

Causes mild skin irritation

Harmful to aquatic life with long lasting effects

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and
understood Wear protective gloves/protective clothing/eye

protection/face protection Wash face, hands and any exposed skin thoroughly after handling Do not eat, drink or smoke when using this product Do not breathe dust

Precautionary Statements - Response

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical attention.

IF ON SKIN: Wash with plenty of water Call a POISON CENTER or physician if you feel unwell Take off immediately all contaminated clothing Wash contaminated clothing before reuse

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

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents and container to an approved waste disposal plant in accordance with local, regional, national and international regulations as applicable

SECTION 3 - COMPOSITION, INFORMATION ON INGREDIENTS

Component	CAS No	Weight-%
Polacrilex Resin	80892-32-6	Approx. 72
L-Nicotine	54-11-5	17.1-20.7
Glycerin	56-81-5	9-11

SECTION 4 - FIRST AID MEASURES

General Advice:

National Capital Poison Center in the United States can provide assistance if you have a poison emergency and need to talk to a poison specialist. Call 1-800-222-1222. Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves. First aider needs to protect himself.

Skin Contact:

Wash off immediately with soap and plenty of water. Remove all contaminated clothes and shoes. Get medical attention.

Eye Contact:

Flush eyes with water for 15 minutes. Get medical attention.

Inhalation:

Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. WARNING! It may be hazardous to the person providing aid to give mouth-to-mouth resuscitation when the inhaled or ingested material is toxic, infectious or corrosive. Do not use mouth-to-mouth resuscitation if victim ingested or inhaled the substance; induce artificial respiration with the aid of a pocket mask

equipped with a one-way valve or other proper respiratory medical device. Immediate medical attention is required.

Ingestion:

Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Immediate medical attention is required. Toxic if swallowed.

Most important symptoms and effects, both acute and delayed

Symptoms

- May cause digestive (gastrointestinal) tract irritation
- May cause gastritis
- May cause abdominal pain, nausea, vomiting, diarrhea
- May cause heartburn
- May cause salivation

Sweating
May affect the cardiovascular system
Central nervous system effects
Mild skin irritation
Mild eye irritation
May affect the liver
It may affect the kidneys

SECTION 5 - FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media: Dry powder. Carbon dioxide (CO₂). Water spray mist or foam.

Unsuitable Extinguishing Media: No information available.

Specific hazards arising from the chemical

Hazardous combustion products: Carbon Monoxide, Carbon Dioxide. Nitrogen oxides (NO_x).

Specific hazards: May be combustible at high temperatures.

Special Protective Actions for Firefighters

Specific Methods: No information available

Special Protective Equipment for Firefighters: As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved equivalent) and full protective gear

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Personal Precautions: Ensure adequate ventilation. Keep people away from and upwind of spill/leak. Use personal protective equipment. Avoid contact with skin, eyes and clothing. Remove all sources of ignition. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Environmental precautions Prevent further leakage or spillage if safe to do so. Do not let product enter drains.
Do not let this chemical enter the environment. Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Methods for containment Stop leak if you can do it without risk. Cover with plastic sheet to prevent spreading.

Methods for cleaning up

Sweep up and shovel into suitable containers for disposal. Clean contaminated surface thoroughly.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling Technical**Measures/Precautions:**

Provide sufficient air exchange and/or exhaust in work rooms. Avoid dust formation. Keep away from incompatible materials. All equipment used when handling the product must be grounded. Remove all sources of ignition.

Safe Handling Advice

Wear personal protective equipment. Avoid contact with skin, eyes and clothing. Keep away from heat and sources of ignition. Avoid dust formation. Do not ingest. Do not breathe dust. Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities Technical**Measures/Storage Conditions:**

Keep container tightly closed in a dry and well-ventilated place. Store at room temperature in the original container. Protect from light. Sensitive to light. Store in light-resistant containers. Store away from incompatible materials.

Incompatible Materials:

Oxidizing agents Bases

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION**Control parameters****National occupational exposure limits****United States**

Component	CAS No	OSHA	NIOSH	ACGIH	AIHA WEEL
Polacrilex Resin	80892-32-6	None	None	None	None
L-Nicotine	54-11-5	0.5 mg/m3 TWA	0.5 mg/m3 TWA	0.5 mg/m3 TWA	None
Glycerin	56-81-5	15 mg/m3 TWA 5 mg/m3 TWA	None	None	None

Canada

Component	CAS No	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Polacrilex Resin	80892-32-6	None	None	None	None
L-Nicotine	54-11-5	0.5 mg/m3 TWA	0.5 mg/m3 TWA	None	None
Glycerin	56-81-5	10 mg/m3 TWA	10 mg/m3 TWA 3 mg/m3 TWA respirable	None	None

Australia and Mexico

Component	CAS No	Australia	Mexico
Polacrilex Resin	80892-32-6	None	None
L-Nicotine	54-11-5	0.5 mg/m3 TWA	0.5 mg/m3 TWA
Glycerin	56-81-5	10 mg/m3 TWA	10 mg/m3 TWA

8.2 Exposure controls Appropriate engineering controls Engineering

measures to reduce exposure:

Ensure adequate ventilation, especially in confined areas. Use process enclosures, local exhaust ventilation, or other engineering controls to keep airborne levels below recommended exposure limits. If user operations generate dust, fume or mist, use ventilation to keep exposure to airborne contaminants below the exposure limit. **Individual protection measures, such as personal protective equipment**

Personal Protective Equipment

Eye protection: Goggles or Safety glasses

Skin and body protection: Long sleeved clothing, Gloves, Chemical resistant apron

Respiratory protection: Effective dust mask. or. Wear respirator with dust filter. Use a dust respirator under conditions where exposure to the substance is apparent (e.g. generation of high concentration of dust (dust clouds) , inadequate ventilation, development of respiratory tract irritation), and engineering controls are not

feasible. Be sure to use an approved/certified respirator or equivalent.

Hygiene measures: Avoid contact with skin, eyes and clothing. Wash hands before breaks and immediately after handling the product When using, do not eat, drink or smoke.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

Physical state: Solid

Odor: No information available.

Appearance: Powder.

Taste: No information available.

Color: Off-white.

Formula: $[(C_4H_6O_2)_x(C_{10}H_{10})_y](C_{10}H_{14}N_2)$

Molecular/Formula weight (g/mole): No information available

Flammability (solid, gas): no data available

Flashpoint (°C/°F): No information available

Flash Point Tested according to: Not available

Upper Explosion Limit (%): No information available

Boiling point/range(°C/°F): No information available

Specific gravity: 1-1.3

Evaporation rate: No information available

Odor threshold (ppm): No information available

Miscibility: No information available

Autoignition Temperature (°C/°F): No information available

Melting point/range(°C/°F): No information

available Bulk density: No information available

pH: No information available

Vapor density: No information available

Partition coefficient (n-octanol/water): No information available

Solubility: Insoluble in water

Lower Explosion Limit (%): No information available

Decomposition temperature(°C/°F): No information available

Density (g/cm³): No information available

Vapor pressure @ 20°C (kPa): No information available

VOC content (g/L): No information available

Viscosity: No information available

SECTION 10 - STABILITY AND REACTIVITY

Reactivity

Reactive with oxidizing agents

Chemical stability

Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: Hazardous polymerization does not occur

Conditions to avoid: Heat. Avoid dust formation. Exposure to light. Incompatible materials. **Incompatible**

Materials: Oxidizing agents Bases **Hazardous decomposition products:**

Carbon monoxide. Carbon dioxide. Nitrogen oxides (NO_x).

Other Information

Corrosivity: No information available

Special Remarks on Corrosivity: No information available

SECTION 11 - TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Principal Routes of Exposure:

Skin. Ingestion. Inhalation.

Acute Toxicity

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

Component Information

Polacrilex Resin	
CAS No	80892-32-6

LD50/oral/rat = No information available **LD50/oral/mouse** = No

information available **LD50/dermal/rabbit** = No information

available **LD50/dermal/rat** = No information available

LC50/inhalation/rat = No information available

LC50/inhalation/mouse = No information available

Other LD50 or LC50 information = No information available

L-Nicotine	
CAS No	54-11-5

LD50/oral/rat = 50 mg/kg Oral **LD50 Rat** **LD50/oral/mouse** = 3.34

mg/kg **LD50/dermal/rabbit** = 50 mg/kg Dermal Rabbit

LD50/dermal/rat = 140 mg/kg Dermal **LD50 Rat**

LC50/inhalation/rat = No information available

LC50/inhalation/mouse = No information available

Other LD50 or LC50 information = No information available

Glycerin	
CAS No	56-81-5

LD50/oral/rat = 12600 mg/kg Oral **LD50 Rat** **LD50/oral/mouse** =

4090 mg/kg **LD50/dermal/rabbit** = >10 g/kg Dermal **LD50 Rabbit** **LD50/dermal/rat**

= No information available

LC50/inhalation/rat = >570 mg/m³ Inhalation **LC50 Rat 1 h**

LC50/inhalation/mouse = No information available

Other LD50 or LC50 information = 27 gm/kg **LD50 oral Rabbit**

Product Information

LD50/oral/rat =

Value - Acute Tox = No information available

LD50/oral/mouse =

Value - Acute Tox Oral = No information available

LD50/dermal/rabbit

Value - Acute Tox = No information available

LD50/dermal/rat

VALUE - Acute Tox Dermal = No information available

LC50/inhalation/rat

VALUE-Vapor = No information available

VALUE-Gas = No information available

VALUE-Dust/Mist = No information available

LC50/Inhalation/mouse

VALUE-Vapor = No information available VALUE

- Gas = No information available

VALUE - Dust/Mist = No information available

Symptoms

Skin Contact: Mild skin irritation. Can be absorbed through the skin and cause systemic

effects.

Toxic in contact with skin.

Eye Contact:

Mild eye irritation.

Inhalation

May cause irritation of respiratory tract. Nicotine is well absorbed by inhalation. Inhalation of nicotine can produce system ic effects similar to that of ingestion.

Ingestion

Toxic if swallowed. May cause digestive (gastrointestinal) tract irritation. May cause abdominal pain, nausea, vomiting, diarrhea. May cause heartburn. May cause salivation. May cause excessive sweating. It may affect cardiovascular system (hypertension). May affect the cardiovascular system (palpitations). May affect the cardiovascular system (cardiac arrhythmias). May affect the cardiovascular system (weak rapid pulse, tachycardia). May affect the cardiovascular system (slow heart rate (bradycardia)). May affect behavior/central nervous system (dizziness, headache). May affect behavior/central nervous system (ataxia). May cause weakness. May affect behavior/central nervous system (convulsions/seizures). May cause fainting. It may affect behavior/central nervous system (irritability). May affect behavior/central nervous system (confusion). May cause difficulty breathing. May affect urinary system (kidneys). May affect liver.

Aspiration hazard

No information available.

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

Chronic Toxicity

No information available.

Sensitization:

No information available.

Mutagenic Effects:

No information available

Carcinogenic effects:

Not considered carcinogenic.

Component	CAS No	IARC	ACGIH - Carcinogens	NTP	OSHA HCS - Carcinogens	Australia - Notifiable Carcinogenic Substances	Australia - Prohibited Carcinogenic Substances
Polacrilex Resin	80892-326	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed
L-Nicotine	54-11-5	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed

Glycerin	56-81-5	Not listed	Not listed	Not listed	Not listed	Not listed	Not listed
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ACGIH (American Conference of Governmental Industrial Hygienists) IARC (International Agency for Research on Cancer)

NTP (National Toxicology Program)

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

Reproductive toxicity

May damage fertility or the unborn child

Reproductive Effects:

No information available

Developmental Effects:

No information available

Teratogenic Effects:

No information available

Specific Target Organ Toxicity

STOT - single exposure

No information available.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Target Organs: (CVS).

Central nervous system. Cardiovascular system. Central Vascular System

Gastrointestinal tract.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity

Ecotoxicity effects:

Aquatic environment. *Glycerin* - 56-81-5

Fish

LC50: 51 - 57mL/L (96h, *Oncorhynchus mykiss*)

Crustacea

EC50: >500mg/L (24h, *Daphnia magna*)

Persistence and degradability:

No information available

Bioaccumulative potential: No information available. **Mobility in**

soil No information available

Other adverse effects

No information available.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal Methods

Waste from residues / unused products:

Waste must be disposed of in accordance with Federal, State and Local regulation.

Contaminated packaging:

Empty containers should be taken for local recycling, recovery or waste disposal

Component	CAS No	RCRA - F Series Wastes	RCRA - K Series Wastes	RCRA - P Series Wastes	RCRA - U Series Wastes
Polacrilex Resin	80892-32-6	None	None	None	None
L-Nicotine	54-11-5	None	None	P075	None
Glycerin	56-81-5	None	None	None	None

SECTION 14 - TRANSPORT INFORMATION

UN-No: UN1655
Proper Shipping Name: Nicotine preparations, solid, n.o.s. (nicotine polacrilex)
Hazard Class 6.1
Subsidiary Class No information available

Packing group: III
Emergency Response Guide Number
Marine Pollutant No data available
DOT RQ (lbs): No information available
Special Provisions IB8, IP3, T1, TP33
Symbol(s): [DOT]: (G) - Identifies proper shipping names for which one or more technical names of the hazardous material must be entered in parentheses, in association with the basic description.
Description: UN1655, Nicotine preparations, solid, n.o.s., 6.1, III

TDG (Canada)

UN-No: UN1655
Proper Shipping Name: Nicotine compound, solid, n.o.s.
Hazard Class 6.1
Subsidiary Risk: No information available
Packing Group: III
Marine Pollutant No Information available
Description: UN1655, Nicotine compound, solid, n.o.s., 6.1, III
ADR

UN Number UN1655
Proper Shipping Name: Nicotine compound, solid, n.o.s.
Transport hazard class(es) 6.1
Packing group III
Subsidiary Risk: No information available
Special Provisions 274, 43
Description: UN1655, Nicotine compound, solid, n.o.s., 6.1, III

IMDG

UN-No: UN1655
Proper Shipping Name: Nicotine preparations, solid, n.o.s. (nicotine polacrilex)
Hazard Class: 6.1
Subsidiary Risk: No information available
Packing Group: III
Marine Pollutant No information available
EMS: F-A
Special Provisions 223, 274, 43
Description UN1655, Nicotine compound, solid, n.o.s. (NICOTINE POLACRILEX, 20%), 6.1, III

RID

UN Number UN1655
Proper Shipping Name: Nicotine compound, solid, n.o.s.
Transport hazard class(es) 6.1
Subsidiary Risk: No information available
Packing group III

Special Provisions	43, 274
Description:	UN1655, Nicotine compound, solid, n.o.s., 6.1, III

ICAO (air)

UN-No:	UN1655
Proper Shipping Name:	Nicotine compound, solid, n.o.s.
Hazard Class	6.1
Subsidiary Risk:	No information available
Packing Group:	III
Description:	UN1655, Nicotine compound, solid, n.o.s., 6.1, III
Special Provisions	A3, A5, A6

IATA

UN Number	UN1655
Proper Shipping Name:	Nicotine compound, solid, n.o.s.
Transport hazard class(es)	6.1
Subsidiary Risk:	No information available
Packing group	III
Precautionary Statements - Response	6L
Special Provisions	No information available
Description:	UN1655, Nicotine compound, solid, n.o.s., 6.1, III

SECTION 15 - REGULATORY INFORMATION SARA

302 Components

The following components are subject to reporting levels established by SARA Title III, Section 302:

CAS-No.	Revision Date
54-11-5	2008-11-03

(-)-Nicotine

SARA 313 Components

The following components are subject to reporting levels established by SARA Title III, Section 313:

CAS-No.	Revision Date
54-11-5	2008-11-03

SARA 311/312 Hazards

Acute Health Hazard, Chronic Health Hazard

Massachusetts Right To Know Components

CAS-No.	Revision Date
54-11-5	2008-11-03

(-)-Nicotine

Pennsylvania Right To Know Components

(-)-Nicotine

CAS-No.	Revision Date
54-11-5	2008-11-03

(-)-Nicotine

CAS-No.	Revision Date
54-11-5	2008-11-03

New Jersey Right To Know Components

(-)-Nicotine

CAS-No.	Revision Date
54-11-5	2008-11-

California Prop. 65 Components

WARNING: This product contains a chemical known to the

CAS-No.

Revision Date

54-11-5

2008-11-03

State of California to cause birth defects or other reproductive harm.


SECTION 16 - ADDITIONAL INFORMATION**International Inventories**

Component	CAS No	U.S. TSCA	KOREA KECL	Philippi nes (PICC S)	Japan ENCS	China IECSC	Austra lia (AICS)	EINECS- No.
Polacrilex Resin	80892-32-6	Not Listed	Not present	Not present	Not present	Not listed	Not listed	Not present
L-Nicotine	54-11-5	PresentACTIV E	Present KE25325	Present	Present (9)990	Present	Present	Present 200-1933
Glycerin	56-81-5	PresentACTIV E	Present KE29297	Present	Present (2)242	Present	Present	Present 200-2895

U.S. Regulations

L-Nicotine

Massachusetts RTK: Present**New Jersey RTK Hazardous Substance List:** 1349**New Jersey (EHS) List:** 1349 100 lb TPQ**New Jersey - Discharge Prevention - List of Hazardous Substances:** Present**Pennsylvania RTK:** Environmental hazard**Pennsylvania RTK - Environmental Hazard List** Present **Minnesota****- Hazardous Substance List:** Present**New York Release Reporting - List of Hazardous Substances:** 100 lb RQ 1 lb RQ**Louisiana Reportable Quantity List for Pollutants:** Listed**California Directors List of Hazardous Substances:** Present Glycerin**Massachusetts RTK:** Present**New Jersey RTK Hazardous Substance List:** 3319**Pennsylvania RTK:** Present**Minnesota - Hazardous Substance List:** Present**FDA - Food Additives Generally Recognized as Safe (GRAS):** 21 CFR 182.90, 21 CFR 182.1320**FDA - Direct Food Additives** 21 CFR 172.866 (synthetic Glycerin produced by the hydrogenolysis of Carbohydrates)**FDA - 21 CFR - Total Food Additives** 169.175, 172.811, 175.300, 175.320, 176.210, 177.1390, 177.2420, 177.2800, 178.3500,**- List Sourced from EAFUS** 182.1320, 182.90; 172.866, 178.3500 (synthetic) **California****Prop. 65: Safe Drinking Water and Toxic Enforcement Act of 1986.****Chemicals Known to the State of California to Cause Cancer:** This product does not contain achemical requiring a warning under California Prop. 65. (See table below) **Chemicals****Known to the State of California to Cause Reproductive Toxicity:**

 **WARNING:** This product can expose you to chemicals including (see table below) which is (are) known to the State of California to cause birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Component	CAS No	Carcinogen	Developmental Toxicity	Male Reproductive Toxicity	Female Reproductive Toxicity:
Polacrilex Resin	80892-32-6	Not Listed	Not Listed	Not Listed	Not Listed
L-Nicotine	54-11-5	Not Listed	developmental toxicity	Not Listed	Not Listed
Glycerin	56-81-5	Not Listed	Not Listed	Not Listed	Not Listed

CERCLA/SARA

Component	CAS No	CERCLA - Hazardous Substances and their Reportable Quantities	Section 302 Extremely Hazardous Substances and TPQs	Section 302 Extremely Hazardous Substances and RQs	Section 313 - Chemical Category	Section 313 - Reporting de minimis
Polacrilex Resin	80892-32-6	None	None	None	None	None
L-Nicotine	54-11-5	100 lb final RQ 45.4 kg final RQ	100 lb EPCRA RQ	None	None	1.0 % de minimis concentration
Glycerin	56-81-5	None	None	None	None	None

U.S. TSCA

Component	CAS No	TSCA Section 5(a)2 - Chemicals With Significant New Use Rules (SNURS)	TSCA 8(d) -Health and Safety Reporting
Polacrilex Resin	80892-32-6	Not Applicable	Not Applicable
L-Nicotine	54-11-5	Not Applicable	Not Applicable
Glycerin	56-81-5	Not Applicable	Not Applicable

Canada

WHMIS 2015 - GHS Classifications WHMIS

2015 Hazard

Classification. Information:

Component: WHMIS 2015 Hazard Classification L-Nicotine

54-11-5 (17.1-20.7)

Acute toxicity - Oral - Category 3: H301 Toxic if swallowed.; Acute toxicity - Dermal - Category 1: H310 Fatal in contact with skin.; Reproductive Toxicity - Category 2: H361 Suspected of damaging fertility or the unborn child.; Specific target organ toxicity - Single exposure - Category 1: H370 Causes damage to organs.

Glycerin 56-81-5 (9-11) Not a dangerous product according to HPR classification criteria.

Canada Hazardous Products Regulation This product has been classified according to the hazard criteria of the HPR (Hazardous Products Regulation) and the SDS contains all of the information required by the HPR

DSL/NDSL

Component	CAS No	Canada (DSL)	Canada (NDSL)
Polacrilex Resin	80892-32-6	Not Listed	Not Listed
L-Nicotine	54-11-5	Present	Not Listed
Glycerin	56-81-5	Present	Not Listed

Component	CAS No	CEPA Schedule I - Toxic Substances
Polacrilex Resin	80892-32-6	Not listed
L-Nicotine	54-11-5	Not listed
Glycerin	56-81-5	Not listed
Component	CAS No	CEPA - 2010 Greenhouse Gases Subject to Mandatory reporting
Polacrilex Resin	80892-32-6	Not listed
L-Nicotine	54-11-5	Not listed
Glycerin	56-81-5	Not listed

EU Classification

EU GHS - SV - CLP 1272/2008

Component	CAS No	EU GHS - SV - CLP (1272/2008)
Polacrilex Resin	80892-32-6	
L-Nicotine	54-11-5	Acute toxicity - Oral - Acute Tox. 2: H300 Fatal if swallowed.; Acute toxicity - Dermal - Acute Tox. 2: H310 Fatal in contact with skin.; Acute toxicity - Inhalation - Acute Tox. 2: H330 Fatal if inhaled.; Hazardous to
		aquatic environment - chronic hazard - Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects.614-001-00-4
Glycerin	56-81-5	

EU - CLP (1272/2008)

R-phrases(s) S -phrase(s)

Component	CAS No	Classification	Concentration Limits:	Safety Phrases
Polacrilex Resin	80892-32-6		No information	
L-Nicotine	54-11-5	T; R25 T+; R27 N; R51-53	No information	S: (1/2)-13-28-45-61
Glycerin	56-81-5		No information	

The product is classified in accordance with Annex VI to Directive 67/548/EEC Indication of danger :T - Toxic