Section 1: Chemical Product and Company Identification

Product Name: 10% (-)-Nicotine Solution
Catalog Codes: NS-100MG-60ML, NS-100MG-120ML, NS-100MG-250ML, NS-100MG-500ML, NS-100MG-1GAL, NSA-100MG-60ML, NSA-100MG-120ML, NSA-100MG-250ML, NSA-100MG-500ML, NSA-100MG-1GAL
Synonyms: 100mg/ml Nicotine Solution
CAS#: Mixture 54-11-5, 56-81-5, 57-55-6

Contact Information:
Wizard Labs
927 Fern St Ste 1000
Altamonte Springs, Florida 32701
(321) 422-0803
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CHEMTREC (24HR Emergency Telephone): 1-800-424-9300

Section 2: Hazards Identification

Emergency Overview: Harmful in case of ingestion, of skin contact, of eye contact, of inhalation.
Potential Chronic Health Effects:
Carcinogenic Effects: Not available
Mutagenic Effects: Not available
Teratogenic Effects: Not available
Target organs: Central nervous system, cardiovascular system, gastro-intestinal system, nervous system, upper respiratory tract. Repeated or prolonged exposure may produce target organ damage.

Section 3: Composition / Ingredient Information

Principal Hazardous Component: Nicotine (54-11-5) – 10% w/v
Other Ingredients: Propylene Glycol (57-55-6), Glycerin (56-81-5) - Balance

Section 4: First Aid Measures

Eyes: Immediately flush the eyes with water or eye wash solution for 15 minutes, lifting lower and upper eyelids occasionally. Seek medical attention.
Skin: Remove contaminated clothing and wash the affected area immediately with soap and cold water. Seek medical attention.
Ingestion: Call Poison Control immediately. Rinse mouth with cold water. Seek medical attention. Never give anything by mouth to an unconscious person. Do not induce vomiting unless directed to do so by medical personnel.
Inhalation: Remove victim to fresh air. If not breathing, give artificial respiration. Seek medical attention.

Section 5: Firefighting Measures

Product Flammability: Not flammable or combustable.
Extinguisher Media: Use media suitable to extinguish surrounding fire.
Protective Equipment: Firefighters should wear full protective equipment and NIOSH approved self-contained breathing apparatus.
NPFA Rating:
Health: 2
Fire: 1
Reactivity: 0

Section 6: Accidental Release Measures
Personal Precautions: Use personal protection recommended in Section 8.
Environmental Precautions: Isolate the hazard area and evacuate unprotected personnel to safe area. Ventilate area and contain spill with sand or absorbent material. Prevent large spills from entering drains. Discharge into the environment or waterways must be avoided. Place all contaminated material in a sealed bag or container for disposal. Wash spill area after pickup is complete. See Section 13 for disposal information.

Section 7: Handling and Storage
Handling: Avoid contact with skin and eyes. Use with adequate ventilation and avoid breathing vapor or fumes.
Storage: Keep container tightly closed in a cool, dry, well-ventilated place. Containers that are opened must be resealed and stored upright to prevent leakage. Air and light sensitive. Hydroscopic.

Section 8: Exposure Controls / Personal Protection
Eye Protection: Chemical splash goggles should be worn. Eyewash bottle or station should be readily available.
Respiratory Protection: None needed under normal conditions of use with adequate ventilation. Use NIOSH/MSHA chemical cartridge respirator if PEL or TLV is exceeded. OSHA PEL: 0.5 mg/m³, ACGIH TLV: 0.5 mg/m³
Skin Protection: Chemical resistant clothing and gloves should be worn. Wash hands thoroughly after handling material and before eating or drinking.

Section 9: Physical and Chemical Properties
Appearance: Clear to yellow/brown liquid
Odor: Sweet, acrid, peppery
Taste: Fish (Slight)
Molecular Weight: NA
Density: 1.03 to 1.26 g/cm³ at 20°C
pH: NA
Solubility: Completely miscible
Boiling Point: NA
Melting Point: NA
Volatility: NA

Section 10: Stability and Reactivity
Chemical stability: Stable
Conditions to avoid: NA
Incompatibility: Strong oxidizers, acids
Hazardous decomposition products: Carbon oxides, and nitrogen oxides formed under fire conditions.
Shelf life: Indefinite if stored properly.

Section 11: Toxicology Information
Toxicity Data:
Acute oral toxicity (LD50): 482 mg/kg (Rat) (Calculated for mixture)
Acute dermal toxicity (LD50): 478 mg/kg (Rabbit) (Calculated for mixture)
Acute inhalation toxicity (LC50): NA
Chronic Effects: NA

Section 12: Ecological Information
Ecotoxicity: Toxic to aquatic life. Discharge into the environment or waterways must be avoided.
EPA Waste Numbers: NA

Section 13: Disposal Considerations
Waste Disposal: Dispose in accordance with federal, state and local environmental control regulations.
Section 14: Transportation Information

UN Number: UN3144
UN Proper Shipping Name: Nicotine compounds, liquid, n.o.s. or Nicotine preparations, liquid, n.o.s.
DOT Classification: Division 6.1 Packing Group III
IATA Classification: Division 6.1 Packing Group III
Packaging Exceptions: 173.153
Inner Packaging Limited Quantity: 5L
Cargo Limited Quantity: 220L
Passenger Limited Quantity: 60L

Section 15: Regulatory Information

EPA TSCA Status: On TSCA inventory
CERCLA Section 103 RQ(lb.): Nicotine – 100 lbs
RCRA Section 261.33: NA
California Prop 65: Listed

Section 16: Other Information

The information provided in this Safety Data Sheet represents a compilation of data drawn directly from various sources available to us. Wizard Labs makes no representation or guarantee as to the suitability of this information to a particular application of the substance covered in the Safety Data Sheet. Any employer must carefully assess the applicability of any information contained herein in regards to the particular use to which the employer puts the material. Wizard Labs makes no warranty, expressed or implied, including (without limitation) warranties with respect to the completeness or continuing accuracy of the information contained herein or with respect to fitness for any particular use.

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