
SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID : 142-WHT/BSE/CLR
PRODUCT CLASS : PAINT, WATER BASE
TRADE NAME : AMINE ADDUCT EPOXY GLOSS
FORMULA ID : 142-WHT/BSE/CLR
MSDS PREPARATION DATE : 09/26/2005

MANUFACTURER IDENTIFICATION:

NAME : INSL-X PRODUCTS CORPORATION
ADDRESS : 308 OLD COUNTY ROAD

EDGEWATER FL 32132
TELEPHONE : 386-428-6461
EMERGENCY CONTACT : CHEMTREC
EMERGENCY TELEPHONE : (800) 424-9300

SECTION 2 - COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

1 ETHYLENE GLYCOL m-BUTYL ETHER

CAS# 111-76-2

2-BUTOXYETHANOL

PCT BY WT: 1.2060 VAPOR PRESSURE: .660 MMHG @ 68F

EXPOSURE LIMIT:

ACGIH TLV/TWA: 20 ppm TWA (Skin)
OSHA PEL/TWA: 50 ppm TWA (Skin)
LC50: Inhalation (Mouse) - 700 ppm/7 Hrs
LD50: Oral (Rat)- 1746 mg/kg
CA PROPOSITION 65: No

2 1-METHOXY-2-PROPANOL

CAS# 107-98-2

PROPYLENE GLYCOL m-METHYL ETHER

PCT BY WT: .5 - 5 VAPOR PRESSURE: 8.000 MMHG @ 68F

EXPOSURE LIMIT:

ACGIH TLV/TWA: TWA 100 ppm
ACGIH TLV/STEL: STEL 150 ppm
OSHA PEL/TWA: TWA 100 ppm
OSHA STEL: 150 ppm
LC50: Inhalation (Rat) - >10,000 ppm/4 Hr(s)
LD50: Oral (Rat)- 6040 mg/kg

3

CAS# 13463-67-7

TITANIUM DIOXIDE

PCT BY WT: 25 - 35

EXPOSURE LIMIT:

ACGIH TLV/TWA: 10 mg/cu m(Total Dust) - TWA
OSHA PEL/TWA: 10 mg/cu m(Total Dust) - TWA
LD50: Oral (Rat)- >7500 mg/kg (TiO2)

This product contains no reported carcinogens or suspected carcinogens
according to the information provided in Section 3 of this MSDS.

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This product contains pigments, which may become a dust nuisance when removed by abrasive blasting, sanding, or grinding.

SECTION 3 - HAZARDS IDENTIFICATION

POTENTIAL HEALTH EFFECTS

EYES: Corrosive to eyes; causes eye burns.

SKIN: Product may be irritating to the skin and may cause skin sensitization. Contact with product at elevated temperatures can result in thermal burns.

INHALATION: Not expected to be a relevant route of exposure. However, high vapor or aerosol mist concentrations may be irritating to the nose, throat and upper respiratory tract.

INGESTION: Not expected to be a relevant route of exposure. Generally considered to have a low order of acute oral toxicity.

SIGNS AND SYMPTOMS: Irritation as noted. Skin sensitization (allergy) may be evidenced by rashes, especially hives.

AGGRAVATED MEDICAL CONDITIONS:

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

CARCINOGENICITY

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

CHRONIC EFFECTS:

None recognized.

SECTION 4 - FIRST AID MEASURES

EMERGENCY FIRST AID:

EYE CONTACT: Flush at once with large amounts of lukewarm water for at least 15 minutes and get medical attention.

SKIN CONTACT: Immediately remove contaminated clothing, wipe excess from skin and flush with clean water for at least 15 minutes. Wash affected area with soap and water. Get medical attention if persistent irritation and/or a skin rash, appears. Do not reuse clothing until thoroughly cleaned.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

INGESTION: DO NOT INDUCE VOMITING. In general, no treatment is necessary unless large quantities of product is ingested. However, get medical advice.

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NOTE TO PHYSICIAN:
Not Applicable.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE CHEMICAL:

Flammability Classification : Class IIIIB
Flashpoint : 205.0 °F
Explosion Level : Low - 1.1
High - 15.8

EXTINGUISHING MEDIA

Water spray, dry chemical, carbon dioxide (CO₂), alcohol foam

FIRE-FIGHTING PROCEDURES AND EQUIPMENT

Clear fire area of unprotected personnel. Do not enter confined space without helmet, face shield, bunker coat, gloves, rubber boots, and a positive pressure NIOSH-approved self-contained breathing apparatus. Water spray may be used to cool closed containers to prevent pressure build-up and possible explosion when exposed to extreme heat. Water may be ineffective in extinguishing a paint fire. Therefore, use caution not to spread flames with stream of water. If water is used, fog nozzles are preferable.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Heating this product above 300 Deg F in the presence of air may cause slow oxidative decomposition above 500 Deg F, polymerization may occur. Some curing agents, e.g., aliphatic polyamines can produce exothermic reactions which in large masses can cause runaway polymerization and charring of the reactants. Do not breathe fumes.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

CLEAN-UP:

Soak up residue with an absorbent such as clay, sand or other suitable material; place in non-leaking containers for proper disposal. Flush area with water to remove trace residue; dispose of flush solutions.

*** SMALL SPILLS ***

Take up with an absorbent material and place in non-leaking containers; seal tightly for proper disposal.

SPILL OR LEAK PROCEDURES:

May burn although not readily ignitable. Use cautious judgement when cleaning up large spills.

*** LARGE SPILLS ***

Wear respirator and protective clothing as appropriate. Shut off source of leak if safe to do so. Dike and contain. Remove with

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vacuum trucks or pump to storage vessels.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Handle in accordance with the hazard potential of curing agent(s) used. **WARNING:** May cause skin and eye irritation. May cause skin sensitization. Avoid contact with eyes. Avoid prolonged or repeated contact with skin.

STORAGE

Store in a cool, dry place. Keep away from open flames and high temperatures. Containers, even those that have been emptied, can contain hazardous product residues.

SPECIAL COMMENTS

Avoid all bodily contact. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse. Contaminated leather shoes cannot be decontaminated and should be destroyed to prevent reuse.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to chemicals in Section 2 is maintained below applicable exposure limits.

RESPIRATORY PROTECTION:

Refer to Section 5.

EYE PROTECTION:

Avoid contact with eyes. Wear safety glasses or goggles as appropriate.

PROTECTIVE GLOVES:

Do not get on skin, on clothing. Wear chemical-resistant protective clothing such as gloves, outer clothing or apron, over shoes and a face shield suitable to potential exposure.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	:	LIQUID		
Vapor Pressure	:	8.00		
Vapor Density	:	4.10		
Boiling Point Range	:	Lower	-	212.0 °F
		Higher	-	343.0 °F
Specific Gravity	:	1.295		

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Weight per Volume : 10.7824 LB/GL
VOC - Total (lbs./gal). : 2.323
Evaporation Rate : .830 (n-Butyl Acetate = 1)
Volatile by Weight : 44.1849
Volatile by Volume : 58.8134

SECTION 10 - STABILITY AND REACTIVITY

MATERIALS TO AVOID

Can react vigorously with strong oxidizing agents, strong Lewis or mineral acids, and strong mineral and organic bases, especially primary and secondary aliphatic amines.

HAZARDOUS POLYMERIZATION: May occur.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, aldehydes, acids, and other organic substances may be formed during combustion or elevated (> 500 Deg F) temperature degradation.

CONDITIONS TO AVOID

Reaction with some curing agents may produce considerable heat.

STABILITY: Stable.

SECTION 11 - TOXICOLOGICAL INFORMATION

No data at this time.

SECTION 12 - ECOLOGICAL INFORMATION

No data at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL

Discharge, treatment, or disposal may be subject to national, state or local laws. We recommend that organic materials classified as RCRA hazardous wastes be disposed of by thermal treatment or incineration at EPA approved facilities.

SECTION 14 - TRANSPORT INFORMATION

DOT HAZARD CLASS : N/A
DOT PACKAGING GROUP : N/A

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DOT LABEL : NONE
DOT SHIPPING NAME : NOT REGULATED
DOT PLACARD : NONE
UN/NA NUMBER : NONE

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATORY INFORMATION

TSCA SECTION 8(b) - INVENTORY STATUS:

All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA Regulations.

SARA 313 TOXIC CHEMICALS:

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

2-BUTOXYETHANOL
CAS# 111-76-2 PCT BY WT: 1.2060

ETHYLENE GLYCOL MONOPROPYL ETHER
CAS# 2807-30-9 PCT BY WT: 6.5880

SECTION 16 - OTHER INFORMATION

Prepared by :
Date of issue : 09/26/2005
Last Revision Date : 04/16/2003

MSDS Prepared for :

MSDS Last Prepared : NONE
HMIS Rating: Health- 3 Flammability- 1
Reactivity- 0

This Material Safety Data Sheet conforms to the Hazard Communication Standard, 29 CFR 1910.1200(g)(4).
The above information pertains to this product as currently formulated and is based on the information available, as of this date. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are out-

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side our control, we make no warranties, express or implied, and assume
no liability in connection with any use of this information.

Abbreviations used: int.- interior; ext.- exterior; MSDS - Material Safety
Data Sheet; HMIS - Hazardous Materials Information System; CAS - Chemical
Abstracts Services; pct - percent; wt - weight; mm Hg - millimeters of
mercury; F - Fahrenheit; ACGIH - American Conference of Governmental
Industrial Hygienists; TLV - Threshold Limit Value; OSHA - Occupational
Safety and Health Administration; PEL - Permissible Exposure Limit; TWA -
Time-Weighted Average; STEL- Short Term Exposure Limit; N/A- Not applicable
IARC - International Agency for Research on Cancer; NE - Not established
NTP - National Toxicological Program; CFR - Code of Federal Regulations;
OSHA - Z 29CFR 1910, Subpart Z; VOC - Volatile Organic Compounds; TCC -
Tag Closed Cup; LEL - Lower Explosive Limit; Mg/m3 or Mg/Cu M - milligram
per cubic meter; mppcf - millions of particles per cubic foot; ppm - parts
per million; NIOSH - National Institute of Occupational Safety and Health;
MSHA - Mine Safety and Health Administration; CNS - Central Nervous System.

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CHEMICAL PRODUCT IDENTIFICATION:

PRODUCT ID : 142-250B
PRODUCT CLASS : PAINT, SOLVENT BASE
TRADE NAME : WATER BASED EPOXY POLYAMINE
FORMULA ID : 142-250B
MSDS PREPARATION DATE : 11/04/2005

MANUFACTURER IDENTIFICATION:

NAME : INSL-X PRODUCTS CORPORATION
ADDRESS : 308 OLD COUNTY ROAD

EDGEWATER FL 32132
TELEPHONE : 386-428-6461
EMERGENCY CONTACT : CHEMTREC
EMERGENCY TELEPHONE : (800) 424-9300

SECTION 2 - COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

1 ETHANOIC ACID
CAS# 64-19-7
ACETIC ACID
PCT BY WT: .5 - 5
EXPOSURE LIMIT:
ACGIH TLV/TWA: 10 ppm - TWA
ACGIH TLV/STEL: 15 ppm - STEL
OSHA PEL/TWA: 10 ppm - TWA
LD50: Oral, Rat - > 3.3 g(glacial acetic acid)/kg

This product contains no reported carcinogens or suspected carcinogens
according to the information provided in Section 3 of this MSDS.

SECTION 3 - HAZARDS IDENTIFICATION

THE HEALTH EFFECTS NOTED BELOW ARE CONSISTENT WITH REQUIREMENTS UNDER
THE OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200).

EYE CONTACT:
Product may be extremely irritating to the eyes.
SKIN CONTACT:
Product may be moderately irritating to the skin. Product may be toxic
and may be harmful if absorbed through the skin, may produce damage to
red blood cells.
INHALATION:
Product may cause irritation to the nose, throat and respiratory tract.
Product may be toxic if inhaled; may produce damage to red blood cells.
INGESTION:
Product may be moderately toxic and may, be harmful if swallowed; may
produce damage to red blood cells.

SIGNS AND SYMPTOMS:
Irritation as noted above. Damage to blood forming organs may be
evidenced by easy fatigability and pallor (RBC Effect). Damage to

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blood forming organs may be evidenced by decreased resistance to infection (WBC Effect). Damage to blood forming organs may be evidenced by excessive bruising and bleeding (Platelet Effect).

AGGRAVATED MEDICAL CONDITIONS:

Pre-existing eye, skin and respiratory disorders may be aggravated by exposure to this product.

CHRONIC HEALTH HAZARDS:

WARNING! Severe eye irritant. May be toxic if absorbed through skin. Possible blood toxin. May cause skin and respiratory tract irritation.

CARCINOGENICITY

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

SECTION 4 - FIRST AID MEASURES

EMERGENCY FIRST AID:

IF IN EYES, Hold eyelids open and flush with a steady, gentle stream of water for 15 minutes. Get medical attention.

IF ON SKIN, immediately remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water for at least 15 minutes. Use soap if available or follow by washing with soap and water. Do not reuse clothing until thoroughly cleaned. Get medical attention. Contaminated leather articles, including shoes, cannot be decontaminated and should be destroyed to prevent reuse.

IF INHALED, remove victim to fresh air and provide oxygen if breathing is difficult. Give artificial respiration if not breathing. Get medical attention.

IF SWALLOWED, do NOT induce vomiting. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid into the lungs. Get medical attention.

NOTES TO PHYSICIAN:

* If more than 2.0 ml per kg has been ingested and vomiting has not occurred, emesis should be induced with supervision. Keep victim's head below hips to prevent aspiration. If symptoms such as loss of gag reflex, convulsions or unconsciousness occur before emesis, gastric lavage using a cuffed endotracheal tube should be considered.

SECTION 5 - FIRE FIGHTING MEASURES

FIRE AND EXPLOSIVE PROPERTIES OF THE CHEMICAL:

Flammability Classification : Combustible Liquid-Class II
Flashpoint : 120.0 °F
Explosion Level : Low - 1.3

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High - 16.6

EXTINGUISHING MEDIA

Water spray, dry chemical, carbon dioxide (CO2), alcohol foam

SPECIAL FIRE-FIGHTING PROCEDURES AND PRECAUTIONS

CAUTION. COMBUSTIBLE. Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS

Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure build-up which could result in container rupture. Container areas exposed to direct flame contact should be cooled with large quantities of water as needed to prevent weakening of container structure.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES:

CAUTION. COMBUSTIBLE. Flush area with water to remove trace residue; dispose of flush solution, as described below.

*** SMALL SPILLS ***

Take up with an absorbent material and place in non-leaking containers for proper disposal.

*** LARGE SPILLS ***

Eliminate potential sources of ignition. Wear appropriate respirator and other protective clothing.

Shut off source of leak only if safe to do so. Dike and contain.

Remove with vacuum trucks or pump to storage vessels. Soak up residue with an absorbent such as clay, sand, or other suitable material; place in non-leaking containers and seal tightly for proper disposal.

SECTION 7 - HANDLING AND STORAGE

HANDLING

Keep liquid and vapor away from heat, sparks and flame. Surfaces that are sufficiently hot may ignite even liquid product in the absence of sparks or flame. Extinguish pilot lights, cigarettes and turn off other sources of ignition prior to use and until all vapors are gone. Vapors may accumulate and travel to ignition sources distant from the handling site; flash-fire can result. Keep containers closed when not in use. Use with adequate ventilation.

STORAGE

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Containers, even those that have been emptied, can contain explosive vapors. Do not cut, drill, grind, weld or perform similar operations on or near containers. Do not pressurize drum containers to empty them.

SPECIAL COMMENTS:

Containers, even those that have been emptied, can contain hazardous product residues. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Launder contaminated clothing before reuse. Contaminated leather shoes cannot be decontaminated and should be destroyed to prevent reuse.

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

ADDITIONAL PROTECTIVE MEASURES

Use explosion-proof ventilation as required to control vapor concentrations. Eye wash fountains and safety showers should be available for emergency use.

RESPIRATORY PROTECTION

Avoid breathing dust/mists. If exposure may or does exceed occupational exposure limits, use a NIOSH-approved respirator to prevent overexposure.

Avoid breathing vapors, which may be produced under some conditions such as heating or applications of uncured product in large surface areas (e.g., flooring and painting). Avoid breathing aerosols and mists which may be formed by various methods of application.

EYE PROTECTION:

Avoid contact with eyes. Wear safety glasses or goggles as appropriate.

PROTECTIVE GLOVES:

Avoid prolonged or repeated contact with skin. Wear chemical resistant gloves and other clothing, as required, to minimize contact.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance	:	VERY LIGHT YELLOW COLOR
Physical State	:	LIQUID
Vapor Pressure	:	1.30
Vapor Density	:	3.60
Boiling Point Range	:	Lower - 212.0 °F
		Higher - 308.3 °F
Specific Gravity	:	1.053
Weight per Volume	:	8.7675 LB/GL
VOC - Total (lbs./gal).	:	3.568
Evaporation Rate	:	.220 (n-Butyl Acetate = 1)
Volatile by Weight	:	50.6850
Volatile by Volume	:	56.2162

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SECTION 10 - STABILITY AND REACTIVITY

INCOMPATIBILITIES (Materials to Avoid)

This product can react violently with strong oxidizing agents and strong acids.

HAZARDOUS POLYMERIZATION

Will not occur.

CONDITIONS TO AVOID

Avoid heat and flames. Can react vigorously with strong oxidizing agents, strong Lewis or mineral acids, and strong mineral and organic bases (especially primary and secondary aliphatic amines). Reaction with some curing agents may produce considerable heat.

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon monoxide, aldehydes, acids, and other organic substances may be formed during combustion or elevated (> 500 Deg F) temperature degradation.

STABILITY: Stable.

SECTION 11 - TOXICOLOGICAL INFORMATION

No data at this time.

SECTION 12 - ECOLOGICAL INFORMATION

No data at this time.

SECTION 13 - DISPOSAL CONSIDERATIONS

DISPOSAL CONSIDERATION

Consult an expert on disposal of recovered product and ensure conformity to local disposal regulations.

SECTION 14 - TRANSPORT INFORMATION

DOT HAZARD CLASS : NOT REGULATED (In containers less than 119 gallons or 450 liters via surface transportation).

COMBUSTIBLE LIQUID (In containers of more than 119 gallons capacity) for surface shipments within the U.S. and Canada, and apply the DOT information, listed below:

DOT SHIPPING NAME : PAINT

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DOT PACKAGING GROUP : PG III
DOT LABEL : NONE
DOT PLACARD : NONE
UN/NA NUMBER : UN1263

SECTION 15 - REGULATORY INFORMATION

U.S. FEDERAL REGULATORY INFORMATION

TSCA SECTION 8(b) - INVENTORY STATUS:
All components of this product are either listed on the U.S. Toxic Substances Control Act (TSCA) inventory of chemicals or are otherwise compliant with TSCA Regulations.

SARA 313 TOXIC CHEMICALS:
This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372:

ETHYLENE GLYCOL MONOPROPYL ETHER
CAS# 2807-30-9 PCT BY WT: 31.4630

SECTION 16 - OTHER INFORMATION

Prepared by :
Date of issue : 11/04/2005
Last Revision Date : 09/19/2002

MSDS Prepared for :

MSDS Last Prepared : NONE
HMIS Rating: Health- 3 Flammability- 2
Reactivity- 0

This Material Safety Data Sheet conforms to the Hazard Communication Standard, 29 CFR 1910.1200(g)(4).
The above information pertains to this product as currently formulated and is based on the information available, as of this date. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

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Abbreviations used: int.- interior; ext.- exterior; MSDS - Material Safety Data Sheet; HMIS - Hazardous Materials Information System; CAS - Chemical Abstracts Services; pct - percent; wt - weight; mm Hg - millimeters of mercury; F - Fahrenheit; ACGIH - American Conference of Governmental Industrial Hygienists; TLV - Threshold Limit Value; OSHA - Occupational Safety and Health Administration; PEL - Permissible Exposure Limit; TWA - Time-Weighted Average; STEL- Short Term Exposure Limit; N/A- Not applicable IARC - International Agency for Research on Cancer; NE - Not established NTP - National Toxicological Program; CFR - Code of Federal Regulations; OSHA - Z 29CFR 1910, Subpart Z; VOC - Volatile Organic Compounds; TCC - Tag Closed Cup; LEL - Lower Explosive Limit; Mg/m³ or Mg/Cu M - milligram per cubic meter; mppcf - millions of particles per cubic foot; ppm - parts per million; NIOSH - National Institute of Occupational Safety and Health; MSHA - Mine Safety and Health Administration; CNS - Central Nervous System.