

Sniff'n'Stop
MATERIAL SAFETY DATA SHEET
FOR COATINGS, RESINS AND RELATED MATERIALS

SECTION I - MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME: Sniff'n'Stop, Inc.
 ADDRESS: P.O. Box 470036
 Lake Monroe, FL 32747
 EMERGENCY TELEPHONE: (407) 328-8500
 MANUFACTURER'S CODE: IS-PPS-_____
 PRODUCT CLASS: Micro-Encapsulated Essential Oils
 TRADE NAME: Sniff'n'Stop Water-Based Personal Protection Spray

SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT NAME</u>	<u>CAS NO.</u>	<u>% OF TOTAL WT.</u>
CEDAR OIL	8007-20-3	<1
CINNAMON OIL	8007-80-5	<1
CITRONELLA	8000-29-1	<1
CITRIC ACID	77-92-9	<1
CITRUS TERPENES	94266-47-4	<1
CLOVE OIL	8000-34-8	<1
GARLIC OIL	8000-78-0	<1
GERANIUM OIL	8000-46-2	<1
LEMONGRASS OIL	8007-02-1	<1
MINT OIL	8008-79-5	<3
PEPPERMINT OIL	8006-90-4	<3
ROSEMARY OIL	8000-25-7	<1
SODIUM CHLORIDE	7644-14-5	<1
SODIUM LAURYL SULFATE	151-21-3	<40
SOYBEAN OIL	8001-22-7	<1
THYME OIL	8007-46-3	<1
COD-LIVER OIL	8001-69-2	<1
GLYCERIN	56-81-5	>20
ISOPROPYL ALCOHOL	67-63-0	<1
MAGNESIUM OXIDE	1309-48-4	<1
MINERAL OIL (U.S.P.)	8012-95-1	<1
SILICA (AMORPHOUS FUMED, CRYSTALLINE FREE)	112945-52-5	<3
SODIUM CARBOXYMETHYL CELLULOSE (SODIUM SALT)	9004-32-4	<10
SODIUM CHLORIDE	7647-14-5	<1
VANILLIN	121-33-5	<1
WATER	7732-18-5	>40
WINTERGREEN OIL	68917-75-9	<1
POLYMER ENCAPSULANT	Mixture	<20

SECTION III - PHYSICAL/CHEMICAL PROPERTIES

COLOR:	COLORLESS TO PALE YELLOW
ODOR:	CITRUS TO MINTY AROMA
PHYSICAL STATE:	LIQUID
BOILING POINT:	349° F (176°C)
MELTING POINT:	-140°F (-96°C), THICKENS AT -108°F(-78°C)
SPECIFIC GRAVITY:	0.838 TO 0.843 @ 68°f (20°C)
REFRACTIVE INDEX:	1.471 TO 1.474
VAPOR PRESSURE:	<2mmHg @ 68°F (20°C)
FLASH POINT (DRY MATERIAL):	(CCCFP):189°F (87°C)
FLAMMABLE LIMITS:	LEL APPROX. 0.8, UEL 3.8
AUTOIGNITION TEMPERATURE:	458°F (237°C)
SOLUBILITY IN WATER:	SOLUBLE
EVAPORATON RATE:	0.02(BuAc=1)
VOLATILE ORGANIC COMPOUND (VOC) CONTENT:	>95% BY VOLUME
WEIGHT PER GALLON	10.35 – 10.75

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SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: MATERIAL IS NOT FLAMMABLE OR COMBUSTIBLE (189°F – COC Method).

EXTINGUISHING MEDIA: CARBON DIOXIDE, FOAM OR DRY CHEMICAL. CAUTION: CARBON DIOXIDE WILL DISPLACE AIR IN CONFINED SPACES AND MAY CREATE AN OXYGEN DEFICIENT ATMOSPHERE.

PRODUCTS OF COMBUSTION: CARBON MONOXIDE, CARBON DIOXIDE AND ALDEHYDES MAY BE FORMED.

SPECIAL FIRE FIGHTING PROCEDURES: CLOSED CONTAINERS MAY BUILD EXPLOSIVE PRESSURE FROM HEAT. TEMPERATURES AT OR ABOVE THE BOILING POINT MAY CAUSE GENERATION OF A TOXIC MIST.

DOT Hazard Class: NON REGULATED

HMIS: HEALTH - 2, FLAMMABILITY - 1, REACTIVITY - 0, PERSONAL PROTECTION – E

SECTION V - HEALTH HAZARD DATA

LIKELY ROUTES OF EXPOSURE: INGESTION: EYE CONTACT, SKIN CONTACT, AND INHALATION. NOT LIKELY TO BE TOXIC, BUT MAY CAUSE VOMITING, HEADACHE, OR OTHER MEDICAL PROBLEMS.

INHALATION: MAY CAUSE NOSE, THROAT, AND RESPIRATORY TRACT IRRITATION, COUGHING, HEADACHE.

EYE CONTACT: CAUSES MODERATE TO SEVERE IRRITATION.

CHRONIC/ CARCINOGENICITY EFFECTS: DOES NOT CONTAIN ANY CARCINOGENS OR POTENTIAL CARCINOGENS AS LISTED BY OSHA, IARC, ACGIH or NTP.

EMERGENCY AND FIRST AID PROCEDURES

INGESTION: SEEK MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING. RINSE MOUTH WITH WATER. DO NOT ADMINISTER ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. DO NOT LEAVE VICTIM UNATTENDED.

SKIN: IF IRRITATION DEVELOPS, WASH AFFECTED AREA WITH COPIOUS AMOUNTS OF SOAP AND WATER AND SEEK MEDICAL ATTENTION.

INHALATION: IF SYMPTOMS OF OVEREXPOSURE ARE EXPERIENCED, MOVE TO FRESH AIR. IF SYMPTOMS PERSIST, SEEK MEDICAL ATTENTION.

EYES: REMOVE CONTACT LENSES AT ONCE. FLUSH WITH WATER FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION.

GENERAL: AS WITH ANY CHEMICAL, EMPLOYEES SHOULD THOROUGHLY WASH HANDS WITH SOAP AND WATER AFTER HANDLING THIS MATERIAL.

SECTION VI - REACTIVITY DATA

STABILITY: STABLE.

CONDITIONS TO AVOID: HIGH TEMPERATURE.

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SECTION VI - REACTIVITY DATA (Cont.)

HAZARDOUS
DECOMPOSITION
PRODUCTS:

COMBUSTION MAY YIELD CARBON MONOXIDE, CARBON DIOXIDE AND ALDEHYDES. FUMES MAY BE TOXIC.

HAZARDOUS
POLYMERIZATION

May Occur Will Not Occur

SECTION VII – ACCIDENTAL RELEASE MEASURES

PERSONAL:
PRECAUTIONS:

PRODUCT IS SLIPPERY WHEN SPILLED. ISOLATE THE HAZARD AREA. DENY ENTRY TO UNNECESSARY AND UNPROTECTED PERSONNEL.

ENVIRONMENTAL
PRECAUTIONS:

KEEP OUT OF DRAINS, SEWERS, DITCHES AND WATERWAYS.

METHODS FOR
CONTAINMENT:

DIKE SPILL AREA AND CAP LEAKING CONTAINERS AS NECESSARY TO PREVENT FURTHER SPREADING OF SPILLED MATERIAL. ABSORB SPILLED LIQUID WITH SUITABLE MATERIAL SUCH AS DIRT OR SAND.

SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection:

NONE WITH SUFFICIENT VENTILATION. FOR POORLY VENTILATED AREAS, USE NIOSH APPROVED AIR-PURIFYING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES.

Ventilation:

LOCAL EXHAUST SPECIAL
 MECHANICAL EXHAUST OTHER - FORCED VENTILATION FROM OUTSIDE SOURCE

Protective Gloves:

NEOPRENE

Eye Protection:

PROTECTIVE GOGGLES OR FACE SHIELD

Work/Hygienic Practices:

USE PROTECTIVE CREAM FOR SENSITIVE SKIN AND WASH FROM AFFECTED AREAS AS SOON AS POSSIBLE. AVOID PROLONGED BREATHING OF VAPORS OR SPRAY MIST.

SECTION X - TOXICOLOGICAL INFORMATION

CHRONIC EFFECTS:

THIS PRODUCT IS NOT CLASSIFIED AS A CARCINOGEN BY OSHA, IARC, ACGIH OR NTP. THIS PRODUCT HAS NOT BEEN SHOWN TO PRODUCE GENETIC CHANGES WHEN TESTED ON BACTERIAL OR ANIMAL CELLS. THIS PRODUCT DOES NOT CONTAIN KNOWN REPRODUCTIVE OR DEVELOPMENTAL TOXINS. PROLONGED OR REPEATED EXPOSURE CAN CAUSE DRYING OR DERMATITIS OF SKIN. IMPROPER STORAGE AND HANDLING MAY LEAD TO THE FORMATION OF A POSSIBLE SKIN SENSITIZER.

SECTION XI - ECOLOGICAL INFORMATION

ECOTOXICITY:

THERE IS NO INFORMATION AVAILABLE AT THIS TIME FOR THIS PRODUCT. HOWEVER, A SPILL MAY PRODUCE SIGNIFICANT TOXICITY TO AQUATIC ORGANISMS AND ECOSYSTEMS. SOME STUDIES HAVE SHOWN THAT CERTAIN BACTERIA AND FUNGI HAVE THE ABILITY TO DEGRADE TERPENES, DECREASING THEIR TOXICITY TO FISH. WHEN SPILLED, THIS PRODUCT MAY ACT AS AN OIL, CAUSING A FILM, SHEEN, EMULSION OR SLUDGE AT OR BENEATH THE SURFACE OF A BODY OF WATER.

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SECTION XII - DISPOSAL CONSIDERATIONS

DISPOSAL:

INCINERATE OR DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. TAKING REGULATIONS INTO CONSIDERATION, WASTE MAY BE INCINERATED OR HANDLED THROUGH EPA SPILL CONTROL PLAN VIA LANDFILL OR DILUTION. COMMERCIALY CLEAN CONTAINERS PRIOR TO DISPOSAL. OIL SOAKED RAGS SHOULD BE DISPOSED OF PROPERLY TO PREVENT SPONTANEOUS COMBUSTION.

SECTION XIII - TRANSPORT INFORMATION

US DOT HAZARD
CLASS:

NONE

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