

Safety Data Sheet

1 – PRODUCT IDENTIFICATION

PRODUCT NAME:.....Skunk-Out
PRODUCT TYPE:.....Severe-odor Treatment
PRODUCT NUMBER:2552XX (last 2 characters vary with the packaging)
CONTROL NUMBER:2552

COMPANY:.....**Harvard Chemical Research, Inc.**
3595 Zip Industrial Blvd.
Atlanta, GA 30354
1-404-761-0657

EMERGENCY PHONE: 1-800-255-3924 (CHEM-TEL)

2 – HAZARDS IDENTIFICATION

CLASSIFICATION OF SUBSTANCE/MIXTURE: Sensitization, Skin (1) Serious Eye Irritation (2) Skin Irritation (2) Specific Target Organ Toxicity, Single Exposure; Respiratory Tract Irritation (3) Acute Toxicity, Oral (4) Flammable Liquids (4)

SYMBOLS:



SIGNAL WORD:WARNING!

HAZARD STATEMENT:.....May cause an allergic skin reaction. Causes serious eye irritation. Causes skin irritation. May cause respiratory irritation. Harmful if swallowed. Combustible liquid.

PRECAUTIONARY STATEMENTS:

PREVENTION:.....Avoid breathing dust / fume / gas / mist / vapors / spray. Contaminated work clothing should not be allowed out of workplace. Wear protective gloves / protective clothing / eye protection / face protection. Wash hands thoroughly after handling. Do not touch eyes. Use only outdoors or with adequate ventilation. Do not eat, drink or smoke when using this product. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

RESPONSE:In case of fire: Use Class B fire extinguisher to extinguish. IF ON SKIN: Wash with plenty of water and soap. If skin irritation or rash occurs: Get medical help. Specific treatment (see First Aid section). Take off contaminated clothing and wash it before reuse. 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 help. IF INHALED: Remove person to fresh air and keep comfortable for breathing. Get medical help if you feel unwell. IF SWALLOWED: Rinse mouth. Get medical help.

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

DISPOSAL:Dispose of container and contents in accordance with local regulations.

3 – COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT	C.A.S. NUMBER
Water	7732-18-5
Alcohols, C ₉₋₁₁ , ethoxylated	68439-46-3
2-Butoxyethanol	111-76-2
Fragrance	Not Listed
Polyethylene glycol mono(tert-octylphenyl) ether	9036-19-5

If percentages, chemical names or C.A.S. numbers of ingredients are not listed/shown, they are being withheld as trade secret information, or are not required per OSHA Hazard Communication Standard 29CFR 1910.1200. This information will be disclosed as necessary to authorized individuals.

4 – FIRST-AID MEASURES

BREATHING (INHALATION): ...Maintain adequate ventilation in work area. Avoid breathing product mist and spray. If signs of discomfort or irritation occur, remove to fresh air. If symptoms persist or if you feel unwell, seek medical attention.

SWALLOWING (INGESTION): .DO NOT INDUCE VOMITING! Rinse mouth, then drink a large quantity of water or milk. Do not attempt to give liquids to an unconscious person. Get immediate medical attention!

EYES: Flush eyes with a large quantity of fresh water for at least 15 minutes. If irritation persists, seek medical attention.

SKIN (DERMAL): Flush from skin and clothing with large amounts of fresh water. If irritation or rash occurs, seek medical attention. Contaminated work clothing should not be allowed out of workplace and should be washed before reuse.

5 – FIRE-FIGHTING MEASURES

FLASHPOINT: Greater than 140 degrees F (60 degrees C).

EXTINGUISHING MEDIA: Use a class B fire extinguisher of Carbon dioxide, dry chemical, alcohol-resistant foam or halogenated agent types. Water fog and fine water spray types can be used as a backup.

SPECIAL FIRE FIGHTING PROCEDURES: Firefighters working in areas where this product is present should be equipped with an approved, fully enclosed SCBA.

UNUSUAL FIRE AND EXPLOSION HAZARDS: None known.

FURTHER INFORMATION: Product does not sustain combustion according to ASTM D4206.

6 – ACCIDENTAL RELEASE MEASURES

SPILL PROCEDURES: Dike to prevent spillage into streams or sewer systems. Consult local, state and federal authorities.

WASTE DISPOSAL: As recommended by local, state and federal authorities.

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7 – HANDLING and STORAGE

STORAGE:Store in a cool, well-ventilated area. Avoid overheating or freezing. Keep container tightly closed when not in use and store locked up. Do NOT store this product in an unmarked container.

HANDLING:Maintain adequate ventilation in work area. Wear eye, face and skin protection if product is likely to splash. Do NOT transfer this product to an unmarked container. Avoid exposure to product mist and spray. Spilled material is slippery. Keep out of reach of children.

ATTENTION: Do NOT reuse empty container. Empty containers retain vapor and product residue and can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind or expose containers to heat, flame, sparks, static electricity or other sources of ignition.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

RESPIRATORY PROTECTION:Not usually needed in well-ventilated areas. If needed, use a NIOSH approved respirator.

PROTECTIVE CLOTHING:Nitrile or PVC gloves, chemical splash goggles, protective outerwear and boots.

ADDITIONAL MEASURES:Under normal use according to label instructions, special protection should not be necessary. Wear eye, face and skin protection if product is likely to splash. Avoid exposure to product mist and sprays. Keep out of reach of children.

INGREDIENT	C.A.S. NUMBER	OSHA PEL*
Water	7732-18-5	No limits established
Alcohols, C ₉₋₁₁ , ethoxylated	68439-46-3	No limits established
2-Butoxyethanol	111-76-2	50 ppm, 240 mg/m ³
Fragrance	Not Listed	No limits established
Polyethylene glycol mono(tert-octylphenyl) ether	9036-19-5	No limits established

**When OSHA 8-hour TWA; STEL (ST); and Ceiling (C) PEL values are not established, NIOSH REL; ACGIH TLV; and AIHA WEEL values will be shown in that order, and indicated as such.*

9 – PHYSICAL / CHEMICAL PROPERTIES

APPEARANCE & ODOR:Clear, transparent liquid. Pleasantly scented.

ODOR THRESHOLD:N/A

pH:4.0 – 9.0

MELTING POINT:N/A

FREEZING POINT:N/A

BOILING POINT:210 degrees F.

BOILING POINT RANGE:N/A

FLASHPOINT:Greater than 140 degrees F (60 degrees C).

EVAPORATION RATE:N/A

FLAMMABILITY (solid/gas):Does not sustain combustion according to ASTM D4206.

EXPLOSION LIMITS:N/A

VAPOR PRESSURE:N/A

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VAPOR DENSITY (AIR=1):.....Greater than 1.
SPECIFIC GRAVITY:0.99
SOLUBILITY IN WATER:.....Soluble.
PARTITION COEFFICIENT:.....N/A
AUTO-IGNITION TEMPERATURE:N/A
DECOMPOSITION TEMPERATURE:N/A
VISCOSITY:.....Water thin.

10 – STABILITY and REACTIVITY

STABILITY:.....Stable under normal conditions.
INCOMPATIBILITY:Do not mix with strong oxidizing/reducing agents. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources.
HAZARDOUS DECOMPOSITION:Carbon oxides.
HAZARDOUS POLYMERIZATION:.....This product not known to polymerize.

11 – TOXICOLOGICAL INFORMATION

ROUTE(S) OF ENTRY:Absorption through skin and eyes. Ingestion. Inhalation.
LISTED CARCINOGEN:.....There are no chemicals that comprise 0.1% or more of this mixture and are listed and/or classified as carcinogens or potential carcinogens by NTP, IARC, OSHA (mandatory listing), or ACGIH (optional listing).
MEDICAL CONDITION AGGRAVATED:.....May aggravate pre-existing dermatitis.
INHALATION:Inhaling significant amounts of undiluted product can cause irritation and discomfort to the mouth, nose and respiratory tract. An allergic reaction may occur in people with sensitivity to fragrance allergens.
INGESTION:Undiluted product can be harmful to health, and may cause irritation and discomfort to the mouth, esophagus and stomach, if ingested. An allergic reaction may occur in people with sensitivity to fragrance allergens.
EYES:.....Undiluted product can cause discomfort, serious irritation and redness if not immediately flushed from eyes. An allergic reaction may occur in people with sensitivity to fragrance allergens.
SKIN (DERMAL):.....Undiluted product can cause discomfort, irritation, redness, and rash to the exposed area if not completely flushed from skin.
ACUTE TOXICITY* (ORAL):.....1,732.50 mg/kg
ACUTE TOXICITY* (DERMAL):.....>5,000 mg/kg
ACUTE TOXICITY* (INHALATION):.....>20,000 ppm V (Gas), >20 mg/l (Vapor), >5 mg/l (Dust)

**Determined using the additivity formula for mixtures (GHS Purple Book, 3.1.3.6).*

12 – ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND DISTRIBUTION: N/A

13 – DISPOSAL CONSIDERATIONS

WASTE DISPOSAL:.....As recommended by local, state and federal authorities.


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14 – TRANSPORTATION INFORMATION

U.S. DOT:**PROPER SHIPPING NAME:**Not regulated for domestic shipments acc. 49 CFR § 173.120(b)(3).**HAZARD CLASS:**.....**UN/NA NUMBER:****PACKING GROUP:****IMDG:****PROPER SHIPPING NAME:**Not regulated for international shipments acc. IMDG CODE.**HAZARD CLASS:**.....**UN NUMBER:****PACKING GROUP:****MARINE POLLUTANT:**No**IATA:****PROPER SHIPPING NAME:**Not regulated for international shipments acc. IATA DGR.**HAZARD CLASS:**.....**UN NUMBER:****PACKING GROUP:**

15 – REGULATIONS

Contents of this SDS comply with OSHA Hazard Communication Standard 29CFR 1910.1200.

CALIFORNIA PROPOSITION 65:..... **WARNING:** This product can expose you to chemicals including Ethylene oxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information, go to www.P65Warnings.ca.gov.

INGREDIENT	C.A.S. NUMBER	LISTED DATE
Ethylene oxide	75-21-8	07/01/1987 (Cancer)
		08/07/2009 (Developmental & Male Reproductive Toxicity)
		02/27/1987 (Female Reproductive Toxicity)

16 – OTHER INFORMATION

NFPA:**HEALTH:**.....2**FLAMMABILITY:**1**REACTIVITY:**.....0**OTHER:**.....None

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ADDITIONAL:The information contained in this SDS is based on the data available to us from sources we believe to be reliable. No warranty or guaranty expressed or implied is made regarding the accuracy of this data or the results obtained from the reliance on this data. The manufacturer assumes no responsibility for injury from the use of this product. Be safe—read this product safety information and pass it on to all persons who may be exposed to this product. Federal law requires it. This product and/or all of its components are either included on or exempt from the TSCA Inventory of Chemical Substances.

REVISION DATE:04/18/2025