Waverly Strip

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Waverly Strip 210
Waverly Strip 510

MATERIAL SAFETY DATA SHEET

WHMIS, SAFE HANDLING, AND DISPOSAL INFORMATION

ISSUE DATE: 07/20/2020	PRODUCT NAME: **Waverly Strip 210**	HAZ CLASS: IRR
SUPERSEDES: New issue	PRODUCT TYPE: Paint Remover	PAGE: 1 of 3

SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

WAVERLY INDUSTRIES LLC
145 W SHORE DR
CULVER IN 46511

TELEPHONE: (317) 203-9646 #3, 8AM-5PM (ET), M-F
NON-OFFICE HOURS: (800) 925-7052
EMAIL: INFO@WAVERLYINDUSTRIES.COM

SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	% WT	CAS #	LD_{50}(Route, Species)	LC_{50}(Species)
Benzyl Alcohol	30-40	100-51-6	1230 mg/kg (oral, rat)	N/AV
Petroleum Distillate, Naphthenic	5-<10	68477-31-6	N/AV	N/AV
Glycolic Acid	1-<5	79-14-1	1938 mg/kg (oral, rat)	3.6 mg/L/ 4hr (rat)

SECTION 3 – HAZARDS IDENTIFICATION

ROUTES OF ENTRY: (X)Skin Contact, (X)Skin Absorption, (X)Eye Contact, (X)Inhalation, (X)Ingestion
TARGET ORGANS: Eyes, skin, and mucous membranes.
EMERGENCY OVERVIEW: Moderate eye, skin, and respiratory irritant.

WHMIS SYMBOLS:

SPECIAL NOTE: MSDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use so long as prescribed safety precautions are practiced. See product bulletin for use instructions.

POTENTIAL HEALTH EFFECTS: Chronic contact may lead to inflammation or dermatitis.

SECTION 4 - FIRST AID MEASURES

SKIN CONTACT: Immediately flush contaminated skin with plenty of water. Get medical attention for burns.
EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower lids. Get immediate medical attention.
INHALATION: Move exposed person to fresh air. If irritation persists, get medical immediate attention.
INGESTION: If this product is swallowed, DO NOT INDUCE VOMITING. If victim is conscious give plenty of water to drink. Get medical attention at once.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABILITY: Non-flammable under normal use conditions. CONDITIONS: Must be heated above 100°C.
EXTINGUISHING MEDIA: (X)Water, (X)Alcohol Foam, (X)CO2, (X)Dry Chemical, (X)Water Fog
FLASH POINT (°C): 105°C (PMCC)
FLAMMABLE LIMITS, LEL: N/AV UEL: N/AV%
AUTO IGNITION TEMPERATURE: >400°C
UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors can travel to a source of ignition and flash back. Keep containers tightly closed when not in use. Closed containers may explode when overheated. Toxic gases may form when this product comes in contact with extreme heat.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained positive pressure breathing apparatus. Keep containers cool with water spray.
HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides and dark smoke may be created by combustion.
NFPA® "DIAMOND" RATING: Health(2), Flammability(1), Reactivity(0), Special Hazards(None)

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPECIAL LEAK AND SPILL PROCEDURES: Observe safety procedures in SECTION 7 & 8 during clean up. Spilled product may be slippery to walk on. Ventilate the area with fans. SMALL SPILL: apply an inert absorbent material on the spill, pick up, and place in a designated waste container. Do not return spilled stripper to the original container. LARGE SPILL: dike off to prevent sewer entry or ground runoff, and reclaim for reuse or disposal. Place only in well vented plastic containers. For remaining residues, if allowed thoroughly rinse off spill area with water, otherwise see SMALL SPILL instructions. The ideal choice for a waste container is an open top dense polyethylene or polypropylene plastic.

SECTION 7 – HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: Prior to use, all organic solvents, and products containing heavy metals, such as chromate conversion compounds must be removed from the area. Wear protective gear (see Section 8). DO NOT use in enclosed space. Open containers slowly to relieve pressure build up. Keep product out of eyes. Avoid contact with skin. Keep away from food and food products. Keep out of the reach of children. Do not immediately seal waste containers; spent material is packaged in vented, plastic containers.
STORAGE REQUIREMENTS: Protect container against physical damage by storing in a designated, cool, dry, ventilated area away from foodstuffs. Do not store above 120°F (48°C).

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

HAZARDOUS INGREDIENT	OSHA PEL/STEL	ACGIH TLV/STEL	OTHER (Specify)
Benzyl Alcohol	N/AV	N/AV	IRR, CBL
Petroleum Distillate, Naphthenic	N/AV	N/AV	IRR, CBL
Glycolic Acid	N/AV	N/AV	COR

HMIS III® CODES: Health (2), Flammability (1), Physical Hazard (1), Chronic Hazard: No
ENGINEERING CONTROLS: No extra measures are needed if TLV is not exceeded. Use local exhaust ventilation (explosion proof) to keep vapor concentration (TLV) below exposure limits. Maintain a safety shower and eye wash station near the work area.
PERSONAL PROTECT EQUIP: (X)Gloves, (X)Respirator, (X)Eyes, (X)Footwear, (X)Clothing, ( )Other (Specify)
RESPIRATORY PROTECTION: Use engineering controls to reduce emission levels. If exposure limits for hydrogen peroxide are exceeded, wear an approved NIOSH respirator of either an organic/acidic mist or a full-face air supplied type.
PROTECTIVE CLOTHING: Wear Neoprene® rubber gloves, boots, and apron. Wear a protective rain suit for spray application use.
EYE PROTECTION: Wear tight fitting goggles and face shield, for material transfer and application.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Orange, viscous emulsion
ODOR: Mild acrid odor
ODOR THRESHOLD: 10 ppm
SPECIFIC GRAVITY: 1.0
VAPOR DENSITY (Air=1): >1
VAPOR PRESSURE (mmHG): 15.5 mmHg20°C
EVAPORATION RATE (WATER=1): 20
BOILING POINT (°C): 100-205°C (decomposes)
MELTING POINT (°C): <0°C
PH (CONC): 2-3 PH (10%): N/AP
COEFFICIENT WATER/OIL DISTRIBUTION: <1
SOLUBILITY IN WATER: 57.7%
VOC (EPA Method 24): 397 g/L and 10 g/L (alternate)

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable
INCOMPATIBILITY (AVOID): Avoid contact with strong mineral acids, strong oxidizers, or strong alkalis
REACTIVITY/CONDITIONS: Decomposes when heated above 70-80°C.
CONDITIONS TO AVOID: Do not expose to open flame and sparks.
HAZARDOUS DECOMPOSITION PRODUCTS: May decompose to carbon monoxide, carbon dioxide, or other organic products.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE EFFECTS: Vapors and mists are irritating to eyes and respiratory system. Eye and skin contact produces stinging and a white wound that clears in a short period of time. Prolonged eye or skin contact may cause more serious burns. Ingestion may cause gastrointestinal complications.
CHRONIC EXPOSURE EFFECTS: Repeated contact (over period of a few weeks) may produce dermatitis.
IRRITANCY OF PRODUCT: Moderate; SKIN AND RESPIRATORY SENSITIZATION: Not likely to occur.
GENETIC TOXICITY: This product contains no known ingredients listed by OSHA, ACGIH, IARC, NTP or Health Canada, which are considered carcinogenic, teratogenic, nor other known ingredients that would interfere with reproduction.

MATERIAL SAFETY DATA SHEET

WHMIS, SAFE HANDLING, AND DISPOSAL INFORMATION

SECTION 12 - ECOLOGICAL INFORMATION

BIODEGRADABILITY (40 CFR 796.3100): Chemical Oxygen Demand (COD): 1466 g/L (theoretical)
AQUATIC TOXICITY (EPA-600-4-91-002): Not determined.
OTHER: Entry of large quantities of product in waterways may be toxic to marine animals.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not put product in metal containers for disposal. Consult your local, state (provincial), and federal agencies for proper disposal method in your area. Do not contaminate water supply when disposing of wastes or containers.

SECTION 14 – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not Regulated

TDG/DOT HAZARD CLASS: N/AP	TDG/DOT PACKING GROUP: N/AP	PIN: N/AP
TDG/DOT ID NUMBER : N/AP	TDG/DOT LABEL/PLACARD: N/AP	

SECTION 15 – REGULATORY INFORMATION

WHMIS CLASSIFICATION: D2B
RCRA HAZARDOUS WASTE NOS: None; SARA 313 TOXIC CHEMICALS: None
TSCA: All components of this product are registered under regulations of the Toxic Substances Control Act.
RQ CERCLA 40 CFR PART 302: None
California Proposition 65 Chemicals: None

This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations (CPR). T*he MSDS contains all of the information required by the *CPR*.

SECTION 16 – OTHER INFORMATION

TRADE NAME AND SYNONYMS: None
SPECIFICATION: None

DISCLAIMER: All statements, technical information and recommendations contained herein are based on available scientific tests or data, which we believe to be reliable. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. Waverly Industries, LLC assumes no liability or responsibility for loss or damage resulting from the improper use or handling of our products, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the product label and Material Safety Data Sheet.

Waverly Industries

MATERIAL SAFETY DATA SHEET

WHMIS, SAFE HANDLING, AND DISPOSAL INFORMATION

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SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS

HAZARDOUS INGREDIENTS	% WT	CAS #	LD_{50}(Route, Species)	LC_{50}(Species)
Benzyl Alcohol	30-40	100-51-6	1230 mg/kg (oral, rat)	N/AV
Hydrogen Peroxide	4-8	7722-84-1	376 mg/kg (oral, rat)	2 gm/m3/4 hr (rat)
Petroleum Distillate, Aromatic	4-5	64741-52-2	N/AV	N/AV

SECTION 3 – HAZARDS IDENTIFICATION

ROUTES OF ENTRY: (X)Skin Contact, (X)Skin Absorption, (X)Eye Contact, (X)Inhalation, (X)Ingestion
TARGET ORGANS: Eyes, skin, and mucous membranes.
EMERGENCY OVERVIEW: Moderate eye, skin, and respiratory irritant.

WHMIS SYMBOLS:

SPECIAL NOTE: MSDS data pertains to the product as dispensed from the container. Adverse health effects would not be expected under recommended conditions of use so long as prescribed safety precautions are practiced. See product bulletin for use instructions.

POTENTIAL HEALTH EFFECTS: Chronic contact may lead to inflammation or dermatitis.

SECTION 4 - FIRST AID MEASURES

SKIN CONTACT: Immediately flush contaminated skin with plenty of water. Get medical attention for burns.
EYE CONTACT: Immediately flush eyes with plenty of water for at least 15 minutes, lifting upper and lower lids. Get immediate medical attention.
INHALATION: Move exposed person to fresh air. If irritation persists, get medical immediate attention.
INGESTION: If this product is swallowed, DO NOT INDUCE VOMITING. If victim is conscious give plenty of water to drink. Get medical attention at once.

SECTION 5 - FIRE FIGHTING MEASURES

FLAMMABILITY: Combustible CONDITIONS: Must be heated above 80°C to ignite vapors.
EXTINGUISHING MEDIA: (X)Water, (X)Alcohol Foam, (X)CO2, (X)Dry Chemical, (X)Water Fog FLASH POINT (°C): 81°C (PMCC)
FLAMMABLE LIMITS, LEL: 2% UEL: 15%
AUTO IGNITION TEMPERATURE: >400°C
UNUSUAL FIRE AND EXPLOSION HAZARDS: Closed containers may rupture and burn when overheated. Toxic gases may form when this product comes in contact with extreme heat.
SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained positive pressure breathing apparatus. Keep containers cool with water spray.
HAZARDOUS COMBUSTION PRODUCTS: Carbon oxides and dark smoke may be created by combustion.
NFPA® "DIAMOND" RATING: Health(2), Flammability(1), Reactivity(1), Special Hazards(None)

SECTION 6 - ACCIDENTAL RELEASE MEASURES

SPECIAL LEAK AND SPILL PROCEDURES: Observe safety procedures in SECTION 7 & 8 during clean up. Spilled product may be slippery to walk on. Ventilate the area with fans. SMALL SPILL: apply an inert absorbent material on the spill, pick up, and place in a designated waste container. Do not return spilled stripper to the original container. LARGE SPILL: dike off to prevent sewer entry or ground runoff, and reclaim for reuse or disposal. Place only in well vented plastic containers. For remaining residues, if allowed thoroughly rinse off spill area with water, otherwise see SMALL SPILL instructions. The ideal choice for a waste container is an open top dense polyethylene or polypropylene plastic.

SECTION 7 – HANDLING AND STORAGE

HANDLING PROCEDURES AND EQUIPMENT: Wear protective gear (see Section 8). DO NOT use in enclosed space. Open containers slowly to relieve pressure build up. Keep product out of eyes. Avoid contact with skin. Keep away from food and food products. Keep out of the reach of children. Do not immediately seal waste containers; spent material is packaged in vented, plastic containers. Do not smoke.
STORAGE REQUIREMENTS: Protect container against physical damage by storing in a designated, cool, dry, ventilated area away from foodstuffs. Do not store above 100ºF (38ºC). Store large quantities in buildings designed and protected for storage of NFPA Class IIIB combustible liquids.

SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMITS:

HAZARDOUS INGREDIENT	OSHA PEL/STEL	ACGIH TLV/STEL	OTHER (Specify)
Benzyl Alcohol	N/AV	N/AV	IRR, CBL
Hydrogen Peroxide	1 ppm	1 ppm	COR
Light Aromatic Distillate	N/AV	N/AV	IRR, CBL

HMIS III® CODES: Health (2), Flammability (1), Physical Hazard (1), Chronic Hazard: No
ENGINEERING CONTROLS: No extra measures are needed if TLV is not exceeded. Use local exhaust ventilation (explosion proof) to keep vapor concentration (TLV) below exposure limits. Maintain a safety shower and eye wash station near the work area.
PERSONAL PROTECT EQUIP: (X)Gloves, (X)Respirator, (X)Eyes, (X)Footwear, (X)Clothing, ( )Other (Specify)
RESPIRATORY PROTECTION: Use engineering controls to reduce emission levels. If exposure limits for hydrogen peroxide are exceeded, wear an approved NIOSH respirator of either an organic/acidic mist or a full-face air supplied type.
PROTECTIVE CLOTHING: Wear Neoprene® rubber gloves, boots, and apron. Wear a protective rain suit for larger scale spray application use.
EYE PROTECTION: Wear tight fitting goggles and face shield, for material transfer and application.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Green colored, gelatinous emulsion
ODOR: Mild acrid odor
ODOR THRESHOLD: N/AV
SPECIFIC GRAVITY: 1.03
VAPOR DENSITY (Air=1): >1
VAPOR PRESSURE (mmHG): 15 mmHg20ºC
EVAPORATION RATE (WATER=1): <1
BOILING POINT (ºC): 100-205ºC (decomposes)
MELTING POINT (ºC): <0ºC
PH (CONC): 3-5 PH (10%): N/AP
COEFFICIENT WATER/OIL DISTRIBUTION: <1
SOLUBILITY IN WATER: Disperses
VOC (EPA Method 24): 410 g/L and 70 g/L (alternate)
VISCOSITY (Brookfield cPs): 7000 – 18000

SECTION 10 – STABILITY AND REACTIVITY

CHEMICAL STABILITY: Stable
INCOMPATIBILITY (AVOID): Avoid contact with reactive metals, strong mineral acids, strong oxidizers, or strong alkalis
REACTIVITY/CONDITIONS: Begins to decompose when heated above 70-80ºC.
CONDITIONS TO AVOID: Do not expose to open flame and sparks.
HAZARDOUS DECOMPOSITION PRODUCTS: Steam, oxygen and other organic compounds.

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE EXPOSURE EFFECTS: Vapors and mists are irritating to eyes and respiratory system. Eye contact produces stinging, watering, blurred vision; skin contact a stinging white wound that clears in a short period of time after wash up. Prolonged eye or skin contact can cause more serious burns. Prolonged skin contact may allow absorption of harmful amounts of solvent. Ingestion may cause gastrointestinal complications.
CHRONIC EXPOSURE EFFECTS: Repeated contact (over period of a few weeks) may produce dermatitis.
IRRITANCY OF PRODUCT: Moderate SKIN AND RESPIRATORY SENSITIZATION: Not likely to occur.
GENETIC TOXICITY: This product contains no known ingredients listed by OSHA, ACGIH, IARC, NTP or Health Canada, which are considered carcinogenic, teratogenic, nor other known ingredients that would interfere with reproduction.

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WHMIS, SAFE HANDLING, AND DISPOSAL INFORMATION

SECTION 12 - ECOLOGICAL INFORMATION

BIODEGRADABILITY (40 CFR 796.3100): Chemical Oxygen Demand (COD): N/AV
AQUATIC TOXICITY (EPA-600-4-91-002): Not determined.
OTHER: Entry of large quantities of product in waterways may be toxic to marine animals.

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Do not put this product in metal containers for disposal. Do not completely fill the waste poly open top container with spent remover and paint chips. Do not immediately seal, allow a 24 hour rest period for expansion, and seal with a vented top. Avoid contaminating neat stripper with organic solvents, such as MEK, and wipe rags. Liquid wastes are not permitted in landfills. Unusable liquid may be absorbed on an inert absorbent material, drummed, and taken to a chemical or industrial landfill. In some areas incineration or disposal by flushing into a sanitary sewer with plenty of water may be permissible. Consult your local, state (provincial), and federal agencies for proper disposal method in your area. Do not contaminate water supply when disposing of wastes or containers.

SECTION 14 – TRANSPORTATION INFORMATION

PROPER SHIPPING NAME: Not Regulated
TDG/DOT HAZARD CLASS: N/AP TDG/DOT PACKING GROUP: N/AP PIN: N/AP
TDG/DOT ID NUMBER : N/AP TDG/DOT LABEL/PLACARD: N/AP

SECTION 15 – REGULATORY INFORMATION

WHMIS CLASSIFICATION: D2B
RCRA HAZARDOUS WASTE NOS: None; SARA 313 TOXIC CHEMICALS: None
TSCA: All components of this product are registered under regulations of the Toxic Substances Control Act.
RQ CERCLA 40 CFR PART 302: None
This product has been classified in accordance with the hazard criteria of the *Controlled Products Regulations (CPR).* The MSDS contains all of the information required by the *CPR*.

SECTION 16 – OTHER INFORMATION

TRADE NAME AND SYNONYMS: None
SPECIFICATION: None

DISCLAIMER: All statements, technical information and recommendations contained herein are based on available scientific tests or data, which we believe to be reliable. The accuracy and completeness of such data are not warranted or guaranteed. We cannot anticipate all conditions under which this information and our products, or the products of other manufacturers in combination with our products, may be used. Waverly Industries, LLC assumes no liability or responsibility for loss or damage resulting from the improper use or handling of our products, from incompatible product combinations, or from the failure to follow instructions, warnings, and advisories in the product label and Material Safety Data Sheet.