TexNov

SURFACE CLEANER

Concentrated cleaner high performance

TexNov Surface Cleaner is an ultra-efficient high performance professional cleaner. It's an excellent degreaser. It can be used on almost any surface. It can revive a graying wooden structure.

It's ideal for wood and concrete substrates. And clean any types of acrylic surface and any types of coatings. Avoid applying it on aluminum surfaces.

TexNov

Acrylic Coatings Manufacturer

TEXNOV SURFACE CLEANER

High Performance Professional Cleaner

1- Product Description

TexNov Surface Cleaner is an ultra-efficient high performance professional cleaner. It's an excellent degreaser. It can be used on almost any surface. It can revive a graying wooden structure. It's ideal for wood and concrete substrates. And clean any types of acrylic surface and any types of coatings. Avoid applying it on aluminum surfaces.

TexNov Surface Cleaner is biodegradable, with a very low toxicity level, it is non-carcinogenic and non-mutagenic. It has been developed to replace the highly toxic substances that affect the ozone layer (such as dichloromethane).

2- Coverage

Undiluted
1 L covers ± 3.7 m^2 (0.26 gal covers ± 40 ft^2)
3.78 L covers ± 14 m^2 (1 gal covers ± 150 ft^2)
18.9 L covers ± 70 m^2 (5 gal covers ± 755 ft^2)

3- Mix

TexNov Surface Cleaner must be diluted with clean water based on the type of application desired (see table).

Applications types	Product	Water
General cleaning (Stained or painted surface)	1	9
Cleaning of graying surfaces	1	5
Certain types of wood and plastic	1	4
Cleaning of treated wood	1	0
Stain scouring	1	0

Note: In its pure form, the product may be used for scouring a stain, but not for scouring paint.

4- Application

Consult the substrates sheets for the type of application in compliance with your type of surface or visit our website.

www.texnov.com

1- Before application protect vegetation and other materials that will not be treated by watering or covering with a plastic sheet. It is important to ensure that anything that can potentially be taken off is removed.

2- Wash the surface beforehand with a pressure washer (1000-3000psi), adjust the pressure according to the type of coating to be cleaned to avoid damaging it.

3- Diluted according to the recommendations of the table. Apply ***TexNov Surface Cleaner*** to the surface to be cleaned with a cloth, brush or spray.

4- Let ***TexNov Surface Cleaner*** preparer work for 15 minutes at a temperature above 18 ° C. Keep the surface moist. Note: For a sturdier cleaning let stand 30 minutes to 2 hours until the coating is ready to be cleaned.

5- Rinse the surface with clean water using a pressure washer until the foam disappears. Rinse the surrounding surfaces to remove any traces of ***TexNov Surface Cleaner***.

6- Allow the entire surface to dry before applying the acrylic coating.

Notes for general cleaning (acrylic surfaces):

- Using a stiff bristle brush or hard brushing may damage the finish.

- If you wash with pressure, always use a fan spray and keep the end of the jet 2 feet from the surface to be cleaned and do not exceed 600 psi, as the acrylic finish may be damaged and the guarantee voided.

- Never use a solvent as a cleaner; the acrylic could be seriously damaged.

5- Personal Protection

When using the ***TexNov Surface Cleaner***, it is recommended to have adequate ventilation to keep vapor concentrations in the air. Wear the following safety equipment:

- Safety goggles or protective glasses
- Chemical resistant gloves
- Long sleeves and/or rubber based protective clothing
- Boots

For indoor work: It is recommended to ensure adequate ventilation to maintain vapor concentrations in the air. If necessary:

- Wear a face mask if ventilation is inadequate. (Respirator approved / certified with organic vapor cartridges)

6- Storage

Store the ***TexNov Surface Cleaner*** at a controlled temperature ranging from 10 to 40°C (50 to 104°F) in a dry and sealed container. Keep away from frost. Product life cycle is of 3 years.

Packaging:
1L: 12 per box
3.78L: 4 per box
18.9L: Pail (5 gal)

7- Transport conditions

Shipping Name: UN 3266
CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide)
TDG Classification: Class 8, Packing group II.

8- Physical properties

Appearance: Green liquid
Odor: soap
pH (diluted 1%): 12.5
Density: 1.1g / mL
VOC: 0%
(Volatile Organic Compounds)

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SAFETY DATA SHEET

SECTION 1 - IDENTIFICATION

PRODUCT	COMPANY IDENTIFICATION
Name: Texnov Surface cleaner **Description:** Powerful concentrated alkaline cleaner and degreaser. **Restriction of use:** Use between 5 and 30°C.	**TexNov inc.** 839 Joseph-Louis-Mathieu Sherbrooke, Québec, Canada J1R 0X3 **Emergency Phone Number:** 1 877 316-6388

SECTION 2 - HAZARD IDENTIFICATION

Pictograms

Warning statements
DANGER
Product classification
Skin corrosion - Category 1
Serious eye damage / eye irritation - Category 1
Health Hazards Not Otherwise Classified Category 1 Corrosion
Hazard statements
Causes severe skin burns and eye damage.
Causes serious injury to the respiratory tract
Precautionary statements
Prevention: Do not breathe fumes / mists / aerosols. Wash hands thoroughly after handling. Wear gloves, glasses and protective clothing.
Intervention: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Immediately call a doctor. Wash clothing before using them again. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. Immediately call a doctor.
Storage: Store in a well-ventilated place. Keep the container tightly closed. Store at a temperature of 5 to 30°C. Keep away from frost. Keep locked up.
Disposal: Dispose of contents and container in accordance with local regulations.

SECTION 3 - COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS number	% (weight/weight)
Sodium hydroxide	1310-73-2	10 -30
Decyl alcohol propoxylated ethoxylated	37251-67-5	1 - 5
Sodium caprylamphopropionate	68610-44-6	1 - 5
Sodium metasilicate	6834-92-0	1 - 5

Based on current knowledge and applicable concentrations, there are no other ingredients in this product that are classified as hazardous by GHS and that should be reported in this section. The actual concentration range is withheld as a trade secret.

SECTION 4 - FIRST AID MEASURES

If swallowed, irritation, any type of overexposure or symptoms of overexposure occur during use of the product or persists after use, immediately contact a POISON CENTER, an EMERGENCY ROOM or a PHYSICIAN; ensure that the product safety data sheet is available.

Eye contact: Check for and remove any contact lenses. Immediately flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Get medical attention as soon as possible.

Skin contact: Remove contaminated clothing immediately. Wash the skin with soap and water. Thoroughly wet contaminated clothing. If irritation persists, consult a doctor.

Inhalation: Move exposed person to fresh air. Keep this person warm and lying down. Loosen tight clothing such as a collar, tie, belt or waistband. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. Get medical attention immediately.

Ingestion: Wash out mouth with water. Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Symptoms: This product is irritating and corrosive to skin, eyes, respiratory and digestive tracts. The severity of symptoms can vary depending on the exposure conditions (contact time, product concentration, etc.).

Effects (acute or delayed): If on skin, this product causes severe burns. Contact with eyes may cause redness, tearing, edema, pain, corneal opacity and even blindness. There is a possibility of pulmonary edema in cases of high fog exposures. Following ingestion, there is corrosion of the digestive tract with intense pain, bloody vomiting with the presence of mucosal fragments, diarrhea, inflammation of the larynx (suffocation possible) and a possibility of esophageal and gastric perforations, collapse and death.

Immediate medical attention and special treatment: No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

SECTION 5 - FIRE-FIGHTING MEASURES

Suitable extinguishing media: Use dry chemical, CO^2, water spray (fog) or foam.

Unsuitable extinguishing media: Jets of water can facilitate the spread of fire.

Specific hazards arising from the hazardous product: May release dangerous fumes.

Hazardous combustion products: Sodium oxides. Carbon monoxide and dioxide.

Special protective equipment and precautions for fire-fighters: Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

SECTION 6 - ACCIDENTAL RELEASE MEASURES

Personal precautions: No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Shut off all ignition sources. No flares, smoking or flames in hazard area. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment (see Section 8).

Protective equipment and emergency procedures: Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

Methods and materials for containment and cleaning up: Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosionproof equipment. Dispose of via a licensed waste disposal contractor.

SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: Put on appropriate personal protective equipment (see Section 8). Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. Avoid exposure - obtain special instructions before use. Avoid contact with eyes, skin and clothing. Do not ingest.

Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Do not enter storage areas and confined spaces unless adequately ventilated. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container. The handling of this product must comply with local regulations. Store in an airtight container located in a dry, well ventilated and soil corrosion resistant cemented. Refer to the storage of the ROHS standards and NFC. Keep away from combustible materials and acids. If the product is stored with other dangerous substances, refer to the NFC segregation table. Containers for corrosive substances shall be kept closed, carry clear identification of their contents and be handled with care. Note: this product attacks certain types of plastic, rubber or coating.

Conditions for safe storage: Store in accordance with local regulations. Store in a segregated and approved area. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10) and food and drink. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

Incompatibility: Acids. Strong oxidizing agents. Finely divided metals (Ba, Be, Na, P, Al, Mg etc). Peroxides.

SECTION 8 - EXPOSURE CONTROL / PERSONAL PROTECTION

CONTROL PARAMETERS:

Occupational Exposure Limits:

Breathable dust	RSST		ACGIH TLV	
Ingredient	**VEMP**	**DIVS**	**TWA**	**STEL**
Sodium hydroxide	2 mg/m^3	10 mg/m^3	2 mg/m^3	2 mg/m^3
Decyl alcohol propoxylated ethoxylated	N/A	N/A	N/A	N/A
Sodium caprylamphopropionate	N/A	N/A	N/A	N/A
Sodium metasilicate	N/A	N/A	N/A	N/A

RSST : Regulation respecting occupational health and safety; VEMP : Weighted average exposure value
DIVS : Immediate danger to life and health; ACGIH : American Conference of Governmental Industrial Hygienists
TLV : Threshold limit value; TWA : Time-weighted average; STEL : Short-terrm exposure limit

Appropriate engineering controls: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits. The engineering controls also need to keep gas, vapor or dust concentrations below any lower explosive limits. Use explosion-proof ventilation equipment.

Individual protection measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Eyes: DO NOT WEAR CONTACT LENSES Wear anti-splash safety goggles.

Hands: Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties.

Respiratory: If workers are exposed to concentrations above the exposure limit, they must use appropriate, certified respirators. Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Others: Wear protective clothing with long sleeves and appropriate safety shoes at all times.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Green liquid.
Odor: Low odor of ammonia.
Odor threshold: Not available
pH: 14.
Freezing point: 0ºC
Boiling point: 100ºC.
Evaporation rate: Not available.
Flammability (solid and gas): Not applicable.
Explosive limit: Not applicable.
Vapor pressure: 2.2 kPa (16.6 mm Hg)
Vapor density: Not available.
Relative density: 1,1.
Solubility in water: may be diluted with water.
Partition coefficient n-octanol / water: Not available.
Auto-ignition temperature: Not applicable.
Decomposition temperature: Not available.
Viscosity: Not available.

SECTION 10 - STABILITY AND REACTIVITY

Reactivity: Stable under recommended conditions of storage and handling.
Chemical stability: The product is chemically stable under normal conditions of use.
Possibility of hazardous reactions: No dangerous or polymerization reactions will not occur under normal conditions of use.
Conditions to avoid: Keep away from incompatible products (see section 7).
Incompatible materials: This product may attacks metals and can damage materials such as glass, fiberglass, ceramics, and cement.
Hazardous decomposition products: Sodium oxides. Carbon monoxide and dioxide.

SECTION 11 - TOXICOLOGICAL INFORMATION

Routes of entry: This product is not absorbed in the body, it exerts a local action that destroys tissue.
Acute toxicity (GHS):

Ingredient	DL_{50} oral, mg/kg	DL_{50} skin, mg/kg	CL_{50} 4h vapours, mg/L	CL_{50} 4h mist, mg/L
Sodium hydroxide	> 5000	> 5000	S.O.	> 5
Decyl alcohol propoxylated ethoxylated	> 2000	> 2000	> 20	> 5
Sodium caprylamphopropionate	1153	5000	S.O.	> 5
Sodium metasilicate	> 5000	> 5000	> 20	> 5

Symptoms: This product is irritating and corrosive to skin, eyes, respiratory and digestive tracts. The severity of symptoms can vary depending on the exposure conditions (contact time, product concentration, etc.).
Delayed and immediate effects: If on skin, this product causes severe burns. Contact with eyes may cause redness, tearing, edema, pain, corneal opacity and even blindness. There is a possibility of pulmonary edema in cases of high fog exposures. Following ingestion, there is corrosion of the digestive tract with intense pain, bloody vomiting with the presence of mucosal fragments, diarrhea, inflammation of the larynx (suffocation possible) and a possibility of esophageal and gastric perforations, collapse and death.
Respiratory and skin sensitization: This product is not a respiratory or skin sensitizer.

Respiratory or skin sensitization: May slightly irritate the respiratory tract
Specific target organ toxicity: Not available
Carcinogenicity: No substances classified for these carcinogenic effects are present in the product (according to IARC, ACGIH and NTP).

IARC: International Agency for Research on Cancer.
NTP: National Toxicology Program

Reproductive toxicity: none

SECTION 12 - ECOLOGICAL INFORMATION

Germ cell mutagenicity: none
Ecotoxicology: The product is easily biodegradable (DOB and COD).
Bioaccumulative potential: Not available.
Volatile organic compounds (V.O.C.) 0g / L.

SECTION 13 - DISPOSAL CONSIDERATIONS

Methods of disposal: The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

SECTION 14 - TRANSPORT INFORMATION

	DOT	TMD	IMDG	IATA
# UN	3266	3266	3266	3266
UN proper shipping name	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide)	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide)	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide)	CORROSIVE LIQUID, BASIC, INORGANIC, N.O.S. (Sodium hydroxide)
Transport hazard class	8 	8 	8 	8 
Packing group	II	II	II	II
Environmental hazard	No	No	No	No

DOT: Departement of Transportation (USA), TMD: Transport des Matières Dangereuses (CAN), IMDG : International Maritime Dangerous Goods, IATA : International Air Transport Association

Exemption for limited quantity: 1 L
In accordance with the Canadian Transport of Dangerous Goods regulations by Road, we use the 1.17 exemption when applicable. In accordance with 49 CFR article 172.315 for transportation by a mode other than air, we use the Limited quantities exemption when applicable.

SECTION 15 - REGULATORY INFORMATION

WHMIS Classification 2015: Skin Corrosion - Category 1A, Serious Eye Damage - Category 1. The product classification and SDS have been developed in accordance with the HPR.

Canada

Ingredient	CAS Number	%	DSL	NDSL	NPRI
Sodium hydroxide	1310-73-2	10 - 30	X		
Decyl alcohol propoxylated ethoxylated	37251-67-5	1 - 5	X		
Sodium caprylamphopropionate	68610-44-6	1 - 5	X		
Sodium metasilicate	6834-92-0	1 - 5	X		X

DSL : Domestic substance list, NDSL : Non-domestic substance list NRPI : National pollutant release inventory.

United States

Ingredient	CAS Number	%	TSCA	PROP-65	Right to Know
Sodium hydroxide	1310-73-2	10 - 30	X		X
Decyl alcohol propoxylated ethoxylated	37251-67-5	1 - 5	X		
Sodium caprylamphopropionate	68610-44-6	1 - 5	X		
Sodium metasilicate	6834-92-0	1 - 5	X		

TSCA : Toxic Substance Control Act, PROP-65: Proposition 65 Californie, Right to Know: Emergency planning and community Right-To Know Act.

SECTION 16 - OTHER INFORMATION

SDS prepared by: Texnov inc.
Emergency telephone number: 1-877-316-6388
Revision Date: 2023-07-01
Warning: The information and recommendations contained in this document have been written to the best of knowledge and technical data collected by Texnov Inc. at the time of the revision. This document is intended to inform users of the product about the precautionary measures when using the product. No warranty is given on the properties mentioned on the products. No liability will be assumed for cases of misuse of the product or failure to observe the safety instructions contained in this document.