



SAFETY DATA SHEET - SDS

SECTION 1**PRODUCT INFORMATION**

Product Name: 2971 MOISTURE BLOCK

Date of preparation: June 1, 2015

Product Use: CLEANING COMPOUND, N.O.I.

Supplier: GREENUMBRELLA Systems
 Buffalo, NY 14240
 716-771-6352

This product contains no phosphates

This product contains no NPEO (nonylphenol polyethoxylate)

SECTION 2**HAZARDS IDENTIFICATION**

GHS – Classification

Physical hazards: Not classified.

Health hazards: Eye irritation Category 2B

Environmental hazards: Not classified.

OSHA defined hazards Not classified as hazardous according to OSHA Hazard Communication Standard, 29 CFR 1910.1200. **Read SECTION 14 for more information.**

Label elements



Hazard symbol

Signal word: Warning

Hazard statement: Causes severe eye irritation

Hazards not otherwise classified: None

GHS Hazards

H303 May be harmful if swallowed
 H320 Causes eye irritation

GHS Precautions

P101 If medical advice is needed, have product container or label

at hand

P102 Keep out of reach of children

P103 Read label before use

P202 Do not handle until all safety precautions have been read and understood

P234 Keep only in original container

P273 Avoid release to the environment

P281 Use personal protective equipment as required

P331 Do NOT induce vomiting

P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell

P305+P351+P338 IF IN EYES: Rinse continuously with water for several minutes. Remove contact

lenses if present and easy to do – continue rinsing

P410 Protect from sunlight

P501 Dispose of contents/container to in accordance with local/regional/national/international regulation.

SECTION 3

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient/Chemical Name	CAS #
Water	7732-18-5
Sodium Silicate	1344-09-8
Proprietary Surfactant Blend	Trade Secret

SECTION 4

FIRST AID MEASURES

Inhalation:

English: If breathing is difficult or irritating, move person to fresh air immediately.

Español: Si respiración está difícil o irritante, se mueva la persona al aire fresco inmediatamente.

Français: En cas de difficultés respiratoires ou d'irritation, transporter immédiatement la personne à l'air frais.

Skin Contact:

English: Rinse area with soap and water.

Español: Enjuaga el área con jabon y agua.

Français: La région de rinçage avec le savon et l'eau.

Eye Contact:

English: Flush immediately with large amounts of clean water for a minimum of 15 minutes, lifting upper and lower lids occasionally. Do not rub eyes. If any irritation persists, seek medical attention. Español: Vacie inmediatamente con mucho agua limpio por un mínimo de 15 minutos, levantándose los párpados superiores y inferiores de vez en cuando. No se frote los ojos. Si la irritación persiste, busque la atención médica inmediatamente.

Français: Rincer immédiatement à grande eau propres pendant au moins 15 minutes, en soulevant les paupières inférieures et supérieures de temps à autre. Ne pas se frotter les yeux. Si une irritation persiste, chercher l'attention médicale.

Ingestion:

English:	Do not induce vomiting. If the person is conscious, give two glasses of water to dilute the ingested material. Follow up with several glasses of fruit juice or very dilute vinegar or carbonated soda to neutralize the alkaline material. Small amounts that may have accidentally entered the mouth should be rinsed out thoroughly with water. Seek medical attention immediately.
Español:	No induzca vómitos. Si la persona está consciente, dé dos gafas del echar agua para diluir el material ingerido. Siga varias gafas de zumo de fruta o vinagre muy diluido o soda carbónica para neutralizar la sustancia alcalina. Las pequeñas cantidades que pueden haber entrado por casualidad en la boca deberían ser aclaradas a fondo con el echar agua. Busque la asistencia médica inmediatamente.
Français:	Ne pas faire vomir. Si la personne est consciente, lui donner plusieurs verres d'eau pour diluer les matériaux absorbés. Les petites quantités qui peuvent avoir pénétré la bouche doivent être rincées avec de l'eau. En cas d'irritation persistante, contacter immédiatement un médecin.

SECTION 5**FIRE FIGHTING MEASURES**

Flash Point (° F): > 212° UEL: NA LEL: NA
 Extinguishing Media: N/A
 Special Firefighting Procedures: N/A
 Unusual Fire and Explosion Hazards: None – NON-FLAMMABLE

SECTION 6**ACCIDENTAL RELEASE MEASURES**

English:	Contain large spills with dikes to prevent entry to waterways and sanitary sewers and transfer the material to appropriate containers for reclamation or disposal. Absorb/trap remaining material or small spills with inert material (dirt, sand, industrial absorbent) and then place in a chemical waste containers. Flush residual spill area with large amounts of water. Dispose of all clean up materials in accordance with all applicable federal, state, and local health and environmental regulations.
Español:	Contenga los derramamientos grandes con diques para prevenir la entrada a los canales y alcantarillas sanitarias y transferir el material a los contenedores para recuperación o disposición. Absorber / trampa material restante o pequeños derrames con material inerte material (tierra, arena, absorbente industrial) y luego en un recipiente para residuos químicos. Lavar el área del derrame residual con grandes cantidades de agua. Deseche todos los materiales de la limpieza de acuerdo con las leyes federales, estatales y de salud local y medio ambiente.
Français:	Contenir les déversements majeurs avec des digues afin d'éviter qu'ils ne pénètrent les voies d'eau et les égouts sanitaires. Transférer les matériaux dans des conteneurs appropriés aux fins de réclamation ou d'élimination. Absorber/cerner les matériaux restants ou les déversements mineurs avec des matériaux inertes (impuretés, sable, absorbant industriel) et les placer ensuite dans des conteneurs pour déchets chimiques. Rincer la zone de déversement résiduel à grande quantité d'eau Procéder à la mise au rebut des matériaux de nettoyage conformément à toutes les réglementations sanitaires et environnementales au niveau national, régional et local.

SECTION 7**HANDLING AND STORAGE**

Handling Precautions:

English: Wear proper Personal Protective Equipment when handling.
 Español: Lleve puesto el Equipo Protector Personal apropiado manejando.
 Français: Portez l'Équipement Protecteur Personnel nécessaire en manipulant.

Storage Requirements:

English: Keep away from children.
 Español: Mantiene a distancia los niños.
 Français: Tenir à l'écart des enfants.

SECTION 8**EXPOSURE CONTROL/PERSONAL PROTECTION**

Exposure Controls

English: Local exhaust recommended.
 Español: Extractor local está recomendado
 Français: Évacuation locale recommandée.

Protective Equipment:

English: Rubber, neoprene, vinyl, nitrile, butyl or PVC coated gloves recommended.
 Safety glasses or goggles recommended.
 Español: El caucho, el neopreno, el vinilo, el nitrilo, el butilo o los guantes cubierto con PVC están recomendados. Gafas de seguridad o anteojos están recomendados.
 Français: Le caoutchouc, le néoprène, le vinyle, nitrile, le butyle ou les gants enduits de polychlorure de vinyle recommandés. Les verres de sécurité ou les lunettes de protection recommandées.

SECTION 9**PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:	Liquid	Appearance and odor: Colorless liquid, odorless to slight odor
Boiling Point:	> 212 F	Specific Gravity: 1.324 – 1.61
Vapor Pressure:	ND	Evaporation Rate: ND
Vapor Density:	ND	pH: 11.0 – 11.4
Solubility in water:	Soluble	Freeze Point: 32° F
V.O.C.	0.0 g/L	

SECTION 10**STABILITY AND REACTIVITY**

Stability:

English: Yes
 Español: Si
 Français: Oui

Conditions to avoid:

English: Nothing Known.
 Español: Nada conocido.
 Français: Rien de su.

Materials to avoid (incompatibility):

English: Nothing Known.
 Español: Nada conocido.
 Français: Rien de su.

Hazardous Decomposition products:

English: Carbon Monoxide and other hazardous chemicals.
 Español: Monóxido de carbono y otros productos químicos arriesgados.
 Français: Oxyde de carbone et d'autres produits chimiques les hasardeux.

Hazardous Polymerization

English: Will not occur
 Español: No ocurrirá
 Français: Aucun risqué

SECTION 11

TOXICOLOGICAL INFORMATION

SODIUM SILICATE:

TOXICITY DATA:

1.0-2.2 gm/kg oral-rat LD50

IRRITATION DATA: Draize Eye (pH/Weight Ratio of SiO₂/Na₂O): 11.6/2.54 Irritant; 11.6/2.4 Irritant;
 12.2/2.0 Corrosive; 12.4/1.8 Corrosive

LOCAL EFFECTS:

Irritant: inhalation, skin, eye

ACUTE TOXICITY LEVEL:

Moderately Toxic: ingestion

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: respiratory disorders, skin disorders and allergies

HEALTH EFFECTS:

Inhalation:

English: Unknown
 Español: Desconocido
 Français: Inconnu.

Skin Contact:

English: Skin irritation
 Español: Irritación de la piel
 Français: Irritation de la peau

Eye Contact:

English: Eye irritation
 Español: Irritación de ojo
 Français: Irritation des yeux

Ingestion:

English: Unknown
 Español: Desconocido
 Français: Inconnu.

Chronic Toxicity:

English: No information available
 Español: No hay información disponible

Français: Aucune information disponible

Carcinogenicity:

English: Product is not listed
 Español: El producto no está en la lista
 Français: Produit ne est pas répertorié

Hazard Type:

English: Skin/Eye irritant
 Español: Piel / irritante de los ojos
 Français: Peau / Irritant pour les yeux

SECTION 12

ECOLOGICAL INFORMATION

ECOTOXICITY DATA:

FISH TOXICITY: This material has exhibited moderate toxicity to aquatic organisms.

FATE AND TRANSPORT:

BIODEGRADATION: This material is inorganic and not subject to biodegradation.

PERSISTENCE: This material is believed to persist in the environment.

BIOCONCENTRATION: This material is believed not to bioaccumulate.

OTHER ECOLOGICAL INFORMATION: This material has exhibited slight toxicity to terrestrial organisms.

SECTION 13

DISPOSAL CONSIDERATIONS

English: Dispose of in accordance with local, state, and federal regulations.
 Español: Disponga de acuerdo con las regulaciones locales, estatales y federales.
 Français: Conformément à toutes les réglementations locales, régionales et gouvernementales.

The information in this SDS pertains only to the product as shipped.

Dispose of waste product in a permitted industrial waste facility. As a disposal alternative, incinerate in a permitted waste incineration facility. Proper destruction may require the use of additional fuel during incineration processes. Empty and clean product containers may be disposed as non-hazardous waste. Consult your specific regulations and service providers to determine available options and requirements.

Use material for its intended purpose or recycle if possible. This material, if it must be discarded, may meet the criteria of a hazardous waste as defined by US EPA under RCRA (40 CFR 261) or other State and local regulations. Measurement of certain physical properties and analysis for regulated components may be necessary to make a correct determination. If this material is classified as a hazardous waste, federal law requires disposal at a licensed hazardous waste disposal facility.

Product: Do not dispose of waste into sewer. Do not contaminate ponds, waterways or ditches with chemical or used container. Send to a licensed waste management company.

Contaminated packaging: Empty remaining contents. Dispose of as unused product. Do not re-use empty containers.

SECTION 14**TRANSPORT INFORMATION****DOT Transportation Data (49 CFR 172.101):**

This product is classified as a Non-Regulated material with regards to shipping over the road. This is based on an exemption in the DOT protocols, Section 173.154 Exceptions for Class 8 (corrosive materials), Item (d) Materials corrosive to aluminum and steel only. Item (d) states that "Except for a hazardous substance or a hazardous waste, a material classed as a Class 8, Packing Group III, material solely because of its corrosive effect – (1) On aluminum is not subject to any other requirements of this subchapter when transported by motor vehicle or rail car in a packaging constructed of materials that will not react dangerously with or be degraded by the corrosive material". The raw materials used in this product passed both the 1020 carbon steel and skin test and is still classified as a DOT Non Regulated material even though it failed the aluminum test protocol. Note: The DOT test protocols only indicate how a material can be shipped via ground transportation and applies to the U.S. only. This exemption does not apply to air and marine shipments.

This product is not classified as dangerous under the transport regulations for road, rail, sea, or air transport.

UN Number: None allocated UN Shipping Name: None allocated
 Class & Subsidiary risk: None allocated. Not Hazardous Packing Group: None allocated

Special Precautions for user: None. See section 5,6,7 & 8 for any associated handling and precautions.

Hazchem code: None allocated.

SECTION 15**REGULATORY INFORMATION****U.S. Federal Regulations****SARA 313 toxic chemical notification and release reporting:**

Clean Water Act (CWA) 307:

No products were found.

Clean Water Act (CWA) 311:

No products were found.

Clean Air Act (CAA) 112 regulated toxic substances:

No products were found.

No products were found.

All Components of this product are listed or exempt from listing on TSCA Inventory.

FDA: Sodium Silicates have Generally Recognized as Safe (GRAS) status under specific FDA regulations. Refer to the Code of Federal Register 21 CFR 173, 175, 176, 177, 182, and 184, which is accessible on the FDA's website.

STATE REGULATIONS:

California Proposition 65: This product is not listed, but it may contain contaminants known to the State of California to cause cancer or reproductive toxicity as listed under Proposition 65 State Drinking Water and Toxic Enforcement Act.

NEW JERSEY WORKER AND COMMUNITY RIGHT TO KNOW:**REPORTING REQUIREMENT:**

SODIUM SILICATE 1344-09-8 35-53%

WATER 7732-18-5 47-65%

RIGHT TO KNOW HAZARDOUS SUBSTANCE LIST:

Not regulated.

SPECIAL HEALTH HAZARD SUBSTANCE LIST:

Not regulated.

PENNSYLVANIA RIGHT TO KNOW:

REPORTING REQUIREMENT:

SODIUM SILICATE 1344-09-8 35-53%

WATER 7732-18-5 47-65%

HAZARDOUS SUBSTANCE LIST:

Not regulated.

ENVIRONMENTAL HAZARDOUS SUBSTANCE LIST:

Not regulated.

SPECIAL HAZARDOUS SUBSTANCE LIST:

Not regulated.

CANADIAN REGULATIONS:

CONTROLLED PRODUCTS REGULATIONS (CPR): This product has been classified in accordance with the criteria of the Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

WHMIS CLASSIFICATION: D2B.

NATIONAL INVENTORY STATUS:

U.S. INVENTORY (TSCA): All the components of this substance are listed on or are exempt from the Page 7 of 8 inventory.

TSCA 12(b) EXPORT NOTIFICATION: Not listed.

CANADA INVENTORY (DSL/NDL): All components of this product are listed on the DSL.

SECTION 16

OTHER INFORMATION

English:	Do not allow this product to freeze.
Español:	No permita que este producto congele.
Français:	Ne laissez pas ce produit figer.



NFPA
 Health 3
 Fire 0
 Reactivity 0

Disclaimer:

English: To the best of our knowledge, this SDS conforms to the requirements of US OSHA 29 CFR 1910.1200. The information contained herein is based on data considered accurate to the best of our knowledge at the date of its publication. However, no warranty is expressed or implied regarding the accuracy, completeness, or adequacy of the information contained herein. The manufacturer and/or supplier shall not be held liable (regardless of fault) to the user or third persons, or anyone for any direct, indirect, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information. Each user must review this SDS in the context of how the product will be handled and used in the workplace. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company so we can attempt to obtain additional information from our suppliers.

The conditions or methods of handling, storage, use, and/or disposal of the product are beyond our control and may be beyond our knowledge. For this and other reasons, we do not assume responsibility and expressly disclaim liability for any loss, damage or expense arising out of or in any way connected with handling, storage, use or disposal of the product.

Please carefully read and understand all labels before using product.

Español: A lo mejor de nuestros conocimientos, este SDS se ajusta a las exigencias de Estados Unidos OSHA 29 CFR 1910.1200. La información contenida en este documento se basa en datos consideradas precisas a lo mejor de nuestros conocimientos en la fecha de su publicación. Sin embargo, ninguna garantía es expresa o implícita con respecto a la exactitud, integridad o adecuación de la información contenida en este documento. El fabricante o el proveedor no se hace responsable (independientemente de la culpa) para el usuario o terceras personas o cualquier persona por los daños directos, indirectos, especiales o consecuentes derivados de o en relación con la exactitud, integridad, adecuación o suministro de dicha información. Cada usuario debe revisar este SDS en el contexto de cómo el producto se controlan y se utilizará en el lugar de trabajo. Si aclaraciones o información adicional es necesaria para garantizar que se puede realizar una evaluación adecuada del riesgo, el usuario debe ponerse en contacto con esta empresa por lo que nosotros podemos intentar obtener información adicional de nuestros proveedores.

Por favor, cuidadosamente leer y entender todas las etiquetas antes de utilizar el product Avis de non-responsabilité.

Français: Le meilleur de notre connaissance, cette fiche signalétique est conforme aux exigences de la US OSHA 29 CFR 1910.1200. Les informations contenues dans

le présent document sont basées sur les données considérées comme exactes au meilleur de notre connaissance à la date de sa publication. Cependant, aucune garantie est exprimée ou implicite concernant l'exactitude, l'exhaustivité ou l'adéquation des informations contenues dans les présentes. Le fabricant ou le fournisseur ne peut être tenu responsable (indépendamment de la panne) à l'utilisateur ou des tiers ou quiconque des dommages directs, indirects, spéciaux ou consécutifs, découlant d'ou en relation avec la précision, l'exhaustivité, pertinence ou à la fourniture de ces informations. Chaque utilisateur doit examiner cette fiche signalétique dans le contexte de comment le produit est traité et utilisé en milieu de travail. Si clarification ou complément d'information est nécessaire pour garantir qu'une évaluation appropriée du risque peut être effectuée, l'utilisateur doit contacter cette société afin de nous pouvons tenter d'obtenir des informations complémentaires auprès de nos fournisseurs.

Veillez lire attentivement et comprendre toutes les étiquettes avant d'utiliser le produit

End of SDS document

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