

# SAFETY DATA SHEET

Acc. To OSHA HCS (29 CFR 1910.1200)

Trade Name: NuSafe Maintain™

Page 1 of 7

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier: 77041**

**Trade Name: Maintain™**

**Recommended use and restriction of use**

**Recommended use:** High traction floor cleaner/degreaser

**Restrictions on use:** Use only as directed

**Details of Supplier/Manufacturer of Safety Data Sheet:**

NuSafe Floor Solutions, Inc.

44 Cummings Drive, Suite A

Walton, KY 41094

(859) 493-0701

**ChemTel, Inc. Emergency (800) 255-3924**

## 2. HAZARDS IDENTIFICATION

**Classification of substances or mixture**



**Irritant**

Eye Irritant 1 **H319** Causes serious eye irritation.

Skin Irritant 2 **H315** Causes skin irritation.

Acute Toxicity 4 **H302** Harmful if swallowed.

Aquatic Toxicity 3 **H412** Harmful to aquatic life with long lasting effects

**Additional Information:**

There are no other hazards not otherwise classified that have been identified.

**Label elements**

**GHS label elements:** The product is classified and labeled according to the Globally Harmonized System (GHS).

**Hazard pictograms:**



**Irritant**

**Signal word:** Warning

**Hazard-determining components of labeling:**

**Hazard statements:**

Eye Irrit. 1 **H319** Causes serious eye irritation

Skin Irrit. 2 **H315** Causes skin irritation.

Acute Tox. 4 **H302** Harmful if swallowed.

Aquatic Tox. 3 **H412** Harmful to aquatic life with long lasting effects

**Precautionary statements:**

**P264** Wash hands thoroughly after handling.

**P270** Do not eat, drink or smoke when using this product.

**P280** Wear protective gloves/protective clothing/eye protection/face protection.

**P305+351+338** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

**P337+P313** IF eye irritation persists: Get medical advice/attention.

**P303+P361+P353** IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse SKIN with water/shower.

**P301+P330+P331** IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

**P304+P340** IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

**P301+P312** IF SWALLOWED: call a POISON CENTER or doctor/physician IF you feel unwell.

**P304+P340** IF INHALED: Remove victim to fresh air and Keep at rest in a position comfortable for breathing.

# SAFETY DATA SHEET

Acc. To OSHA HCS (29 CFR 1910.1200)

Trade Name: NuSafe Maintain™

Page 2 of 7

**P310** Immediately call a POISON CENTER or doctor/physician.

**P363** Wash contaminated clothing before reuse.

**P501** Dispose of contents/container in accordance with local/regional/national/international regulations

**Hazard description:**

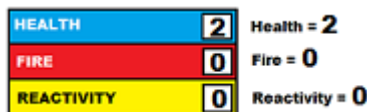
**WHMIS symbols:**

**Classification system:**

**NFPA ratings (scale 0-4)**



**HMIS ratings (scale 0-4)**



**Other Hazards**

**Results of PBT and vPvB assessment:**

PBT: Not Applicable

vPvB: Not Applicable

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

**Chemical characterizations:** Proprietary

**Description:** Mixture of substances.

CAS-NO	Chemical name	Range %
5329-14-6	Sulfamic acid	< 4 %*
	Acute tox. 4, H302; Aquatic Tox. 3, H412; Skin Irri. 2, H315; Eye Irri. 2A H319	

**Dangerous components:** None known.

**\*Additional information:** The identity and exact percentages are being withheld as a trade secret.

## 4. FIRST AID MEASURES

### Description of First-Aid Measures

**General information:**

**After eye contact:** Remove contacts lenses if worn, if possible. Rinse opened eye(s) for several minutes with running water. Then consult a doctor.

**After swallowing:** Rinse out mouth and then drink plenty of water. Do not induce vomiting; immediately call for medical help.

**Information for doctor:**

**Most important symptoms and effects, both acute and delayed:**

Severe irritation on skin and mucous membranes

Breathing difficulty

Cramp

Coughing.

**Danger issues:**

Harmful if swallowed.

Causes serious eye irritation

Causes serious skin irritation

**Indication of an immediate medical attention and special treatment needed:** Medical supervision for at least 48 hours.

Monitor circulation and oxygen for respiration if necessary

**Indication of an immediate medical attention and special treatment needed:** No additional information available.

# SAFETY DATA SHEET

Acc. To OSHA HCS (29 CFR 1910.1200)

Trade Name: NuSafe Maintain™

Page 3 of 7

## 5. FIRE -FIGHTING MEASURES

### Extinguishing Media

**Suitable extinguishing agents:** CO2, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

**For safety reasons unsuitable extinguishing agents:** None.

**Special hazards arising from the substance or mixture:** Formation of toxic gases is possible during heating or in case of fire.

### Advice for firefighters

#### Protective equipment:

Wear self-contained respiratory protective device.

Wear fully protective suit.

**Additional information:** No further relevant information available

## 4. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures:

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation.

**Environmental precautions:** Do not allow product to enter sewers, surface of ground water.

**Methods and materials for containment and clean up:** Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders like sawdust). Send for recovery or disposal in suitable receptacles. Dispose contaminated material as waste according to Sec. 13

**Reference to other section:** Refer to Sec. 7, 8, and 13.

## 7. HANDLING AND STORAGE

### Handling:

#### Precautions for safe handling:

Use in well ventilated areas

Open and handle receptacles with care.

Avoid splashes or sprays in enclosed areas.

Avoid contact with eyes and skin.

Wash hands before breaks and at the end of work.

Use personal protective equipment as required

**Information about protection against explosions and fires:** No special measures required.

**Conditions for safe storage, including and incompatibilities:** No further relevant information available

#### Storage:

##### Requirements to be met by storerooms and receptacles:

Store only in original receptacle.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:** Store in cool, dry conditions in well-sealed receptacles.

**Specific end uses:** No further relevant information available.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Additional information about design of technical systems:** No further data; see item 7

### Control Parameters:

**Components with limit values that require monitoring at the workplace:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

**Additional information:** The lists that were valid during the creation were used as the basis.

# SAFETY DATA SHEET

Acc. To OSHA HCS (29 CFR 1910.1200)

Trade Name: NuSafe Maintain™

Page 4 of 7

## Exposure controls

### Personal protective equipment:

#### General protective and hygienic measures:

The usual precautionary measures for handling chemicals should be followed.

Keep away from foodstuff, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eye and skin.

Use only in well ventilated areas.

**Engineering controls:** No further relevant information available



**Breathing equipment:** Not required when used in well-ventilated areas. Avoid mist and vapor.

**Protection of hands:** Gloves are recommended.

**Material of gloves:** Nitrile

**Penetration time of glove material:** Not known

**Eye protection:** Safety glasses are recommended

**Body protection:** Protective work clothing recommended

**Limitation and supervision of exposure into the environment:** No further relevant information available

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

#### General information:

**Appearance:**      **Form:** Liquid

**Color:** Green

**Odor:** Mild

**Odor threshold:** Not determined

**pH value:** 5.5

**Melt point/ range:** Not determined.

**Boiling point/ range:** Not determined.

**Flash point:** Not applicable.

**Flammability (solid, gaseous):** Not applicable.

**Auto-ignition temp:** Not determined.

**Decomposition temperature:** Not determined.

**Auto igniting:** Product is not self-igniting.

**Danger of explosion:** Product does not present an explosion hazard.

**Explosion limits: Lower:** Not determined.

**Upper:** Not determined.

**Vapor pressure at 20 C (68 F):** N/A

**Density at 20 C (F):** N/A

**Specific Gravity:** 1.035 gm/cm<sup>3</sup> (8.637 lbs./gal.)

**Vapor density:** Not determined

**Evaporation rate:** Not determined

**Solubility/miscibility with water:** Dispersible

**Partition coefficient (n-octanol/water):** Not determined

**Viscosity:** Not determined

**Solvent content:** 0%

**VOC (California):** 0%

**Other information:** No further relevant information available

# SAFETY DATA SHEET

Acc. To OSHA HCS (29 CFR 1910.1200)

Trade Name: NuSafe Maintain™

Page 5 of 7

## 10. STABILITY AND REACTIVITY

### Reactivity

#### Chemical Stability

**Thermal decomposition/conditions to be avoided:** Store in a cool, dry place. Avoid freezing.

**Possibility of hazardous reactions:** Incompatible Strong Alkali and oxidizers

**Conditions to avoid:** Excessive heat and contact with oxidizers.

**Incompatible materials:** None Known.

**Hazardous decomposition components:** N/A

## 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

**Acute toxicity:** Not known

**LD/LC 50 values that are relevant for classification:** Not available.

#### Primary irritant effect

**On skin:** Can cause irritation and mucous membrane

**On eyes:** Can cause irritation.

**Sensitization:** No sensitizing effects known.

**Subacute to chronic toxicity:** No further relevant information available.

**Additional toxicological information:** None available.

#### Carcinogenic Categories:

**NTP (National Toxicology Program):** None of the ingredients are listed.

**OSHA-Ca (Occupational Safety and Health Administration):** No further relevant information available.

**Probable routes of exposure:** Inhalation, eyes, skin, and ingestion.

**Acute effects (acute toxicity, irritation and corrosivity):** Skin and eye irritation can occur.

**Repeated Dose Toxicity:** No further relevant information available

## 12. ECOLOGICAL INFORMATION

### Toxicity

**Aquatic toxicity:** No further relevant information is available.

**Persistence and degradability:** No further relevant information is available.

#### Behavior in Environmental System:

**Bioaccumulative potential:** No further relevant information is available.

**Mobility in soil:** No further relevant information is available.

#### Additional ecological information:

**General notes:** Do not allow undiluted product or large quantities of product to reach ground water, water course or sewage systems.

**Other adverse effects:** No further relevant information is available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatments methods:

#### Recommendation:

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes.

#### Uncleaned packaging:

**Recommendations:** Disposal must be made according to official regulations

# SAFETY DATA SHEET

Acc. To OSHA HCS (29 CFR 1910.1200)

Trade Name: NuSafe Maintain™

Page 6 of 7

Recommended cleansing agent: Water, if necessary, with cleansing agents

## 14. TRANSPORT INFORMATION

**UN-Number:** UN2967

**DOT, ADR, IMDG, IATA:** UN2967, Corrosive liquid, acidic, inorganic n.o.s. (sulfamic acid solution)

**Environmental Hazards:** None known.

**DOT:** Not regulated, not applicable

**Transport hazard class(s)**

**DOT:** Not regulated, not applicable

**IMDG, IATA:** UN2967, Corrosive liquid, acidic, inorganic n.o.s. (sulfamic acid solution), 8, pg. III

**Marine pollutant:** No

**Transport/Additional Information: DOT**

*Corrosive to Aluminum, Excepted per 49CFR 173.154 (d) (1). This product was tested for corrosivity toward a steel surface and found to be Non-Corrosive by the test protocol. It is therefore specifically exempted from corrosive warnings for transportation purposes*

**Schedule B:** 3402.90.1000

**HS Code:** 3402

## 15. REGULATORY INFORMATION

**Safety, health and environmental regulation/legislation specific for the substance or mixture (USA)**

**SARA**

**Section 355 (extremely hazardous substances):** None of ingredients are listed

**Section 313 (Specific toxic chemical listings):** None of ingredients are listed

**TSCA (Toxic Substance Control Act):** All of ingredients are listed

**Prop 65 (California)**

**Chemicals known to cause cancer:** None of ingredients are listed

**Chemicals known to cause reproductive toxicity for females:** N/A

**Chemicals known to cause reproductive toxicity for males:** N/A

**Chemicals known to cause developmental toxicity:** N/A

**Carcinogenic Categories**

**EPA (Environmental Protection Agency):** N/A

**IARC (International Agency for Research on Cancer):** N/A

**TVL (Threshold Limit Value established by ACGIH):** N/A

**NIOSH-Ca (National Institute for Occupational Safety and Health):** N/A

**State Right to Know Listings:** N/A

**Canadian substance listings**

**Canadian Domestic Substances List (DSL):** All ingredients are listed.

**Canadian Ingredient Disclosure list (limit 0.1%):** N/A.

**Canadian Ingredient Disclosure list (limit 1%):** N/A

**Other regulations, limitations and prohibitive regulation:**

This product has been classified in accordance with hazard criteria of the Controlled Products Regulations and SDS contains all the information required by the Controlled Products Regulations.

**Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific products features and shall not establish a legally valid contractual relationship.

# **SAFETY DATA SHEET**

Acc. To OSHA HCS (29 CFR 1910.1200)

Trade Name: NuSafe Maintain™

Page 7 of 7

## **16. OTHER INFORMATION**

The health hazards given on the Safety Data Sheet apply to this product in its concentrated form (as supplied) and may differ significantly at use dilution. The signs and symptoms of overexposure apply only to negligence in handling or misuse of the concentrated product and not to the routine exposure of the diluted product under conditions of ordinary use.

Company warrants that the product or products described herein will conform to its published specifications. The products supplied by the company and information related to them are intended for use by buyers having necessary industrial skill and knowledge. Buyers should undertake sufficient verification and testing to determine the suitability of the Company's materials for their own particular purpose. Since buyer's conditions of use of product are beyond Company's control, Company does not warrant any recommendations and information for the use of such products. Company disclaims all other warranties including the implied warranty of merchantability and fitness for any particular purpose in connection with the use of its products.

**Date of preparation/last revision: 5/1/2019**