NEW DIMENSIONS SOLUTIONS, LLC
3960 Howard Hughes Parkway, Suite 500
Las Vegas, NV 89169
Telephone: 702-990-3978
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# SAFETY DATA SHEET



## Products and Company Identification

1

| | |
|---|---|
| 1.1 Product Identifier | SUPER BOND & CLEAN™ |
| Product form | Mixture |
| Product name | SUPER BOND & CLEAN™ |
| Product code | 0224, 0227, 0221 |
| 1.2 Relevant identifier | |
| Use of substance/mixture | Tile cleaner and preparer for SKID SAFE |

1.3 Details of supplier of SDS

New Dimensions Solutions, LLC
3960 Howard Hughes Parkway, Suite 500
Las Vegas, NV 89169
Telephone: 800-731-2231
email: sales@ndclean.com

HAZMAT SERVICE EMERGENCY NUMBER: (702) 943-8861

Validation date: 03-20-2020

## 2. Hazards Identification

2.1 Hazardous Classification
Skin irritant, slight burns

2.1 Label Elements
Hazardous Pictogram

Signal Word: "Warning"

Hazardous Statements:
H314 – Causes slight burns and eye damage.

Precautionary Statements:
P260 – Do not breathe dust/mist/spray.
P264 – Wash hands and forearms thoroughly after handling.
P301+P330+P331 – If swallowed rinse mouth. DoNOT induce vomiting.
P304+P340 – If inhaled: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 – If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 – Specific treatment (see First aid measures on this label).
P363 – Wash contaminated clothing before use.
P501 – Dispose of contents/container in accordance with local/regional/national/international regulations.


NFPA:
Health 3
Flammability 0
Reactivity 0

## 3. Composition Information

| Component | CAS Registry # | Concentration |
|---|---|---|
| Proprietary Ingredient | 1341-49-7 | <15% |
| H20 | - | > 85% |
| Sodium Metasilicate | 6834-92-0 | <3% |
| Ammonium Bifluoride | -<3% | |

## 4. First-aid Measures

4.1 Description of first aid measures

First-aid measures general: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show label where possible).

First-aid measures after inhalation: Remove to fresh air at rest in a position comfortable for breathing. Call a doctor/physician if problems persist.

First-aid measures after skin contact: Remove/Take off all contaminated clothing. Rinse skin with water/shower. Launder any contaminated clothing before re-use.

First-aid measure after eye contact: Rinse cautiously with large quantities of water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing. Call a POISON CENTER or doctor/physician.

First-aid measure after ingestion: Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER or doctor/physician.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Causes severe skin burns and eye damage.

4.3 Indication of any immediate medical attention and special treatment needed

No additional information available

## 5. Fire Fighting Measures

5.1 Extinguishing media

Suitable extinguishing media: Foam, dry powder, carbon dioxide, water spray and sand.

Unsuitable extinguishing media: Do not use a heavy water stream.

5.2 Special hazards arising from substance or mixture

Reactivity: Thermal decomposition generates: None.

5.3 Advice for firefighters

Firefighting instructions: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire-fighting water from entering environment.

Protection during firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

## 6. Accidental Release Measure

6.1 Personal precautions, protective equipment and emergency procedures

6.1.1 For non-emergency personnel

Emergency procedures: Avoid contact with released material, evacuate if present in the air as dust/mist/vapor.

6.1.2 For emergency responders

Protective Equipment: Equip cleanup crew with proper protection.

Emergency procedures: Ventilate area.

6.2 Environmental precautions

For Releases over 350 Gallons prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3 Methods and materials for containment and cleaning up

Methods for cleaning up: Cover with soda ash-slaked lime mixture to neutralize. Scoop into beaker of water. Flush neutralized solution down drain with excess water.

6.4 Reference to other sections

See Heading 8, exposure controls and personal protection

## 7. Handling and Storage

7.1 Precautions for safe handling

Storage conditions: Keep above freezing by storing in Temperatures above 35°F

Precautions for safe handling: Wash hands and other exposed areas with mild soap and water before eating, drinking, or smoking and when leaving work. Provide good ventilation in process areas to prevent formation of vapor. Do not breathe dust/mist/spray. Avoid contact during pregnancy/while nursing.

Hygiene measures: Wash hands and forearms thoroughly after handling as with any chemicals.

7.2 Conditions for safe storage, including any incompatibilities

| | |
|---|---|
| Technical measures: | Comply with applicable regulations. |
| Storage conditions: | Keep only in the original container in a cool, well ventilated place away from : Keep container closed when not in use. |
| Incompatible Products: | Strong bases. Strong Acids. |
| Incompatible Materials: | Source of freezing temperatures. Platinum plus Bromine Tri-fluoride, reacts with strong acids to form Hydrogen Fluoride. Corrodes glass and porcelain. |

7.3 Specific end use(s)

No additional information available.

## 8. Exposure controls and personal protection

8.1 Exposure controls

| | |
|---|---|
| Personal protective equipment: | Avoid all unnecessary exposure. |
| Hand protections: | Wear protective gloves/eye protection/face protection/protective gloves. |
| Eye protection: | Chemical goggles or face shield. |
| Foot Protection: | Wear suitable work boots. |
| Skin and body protection: | Wear suitable protective clothing |
| Respiratory protection: | Wear appropriate mask. |
| Other information: | Do not eat, drink or smoke during use |

## 9. Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

| | |
|---|---|
| Appearance:Clear, can appear light brown | pH: 3.5%(5% solution) |
| Odor: mild pungent odor | Boiling Point(C°): Approx. 102 |
| Solubility in water: Infinite | Vapor Pressure: N/A |
| Specific Gravity: 1.24 | |

## 10. Stability and Reactivity

10.1 Reactivity

Thermal decomposition generates: Corrosive Vapors.

10.2 Chemical Stability

Stable under normal conditions. Not established.

10.3 Possibility of hazardous reactions

Reacts with strong bases and acids.

10.4 Conditions to avoid

Extremely high or low temperatures.

10.5 Incompatible materials

Platinum plus Bromine Tri-fluoride, reacts with strong acids to form Hydrogen Fluoride. Corrodes glass and porcelain.

10.6 Hazardous decomposition products

Fume. Hydrogen fluoride and Ammonia.

## 11. Toxicology Information

Information on likely routes of exposure

| | |
|---|---|
| -Eye Contact: | Causes severe eye damage. |
| -Skin Contact: | Causes mild skin burns. |
| -Inhalation: | Avoid breathing vapors or mists. |
| -Ingestion: | Do not taste or swallow. |

## 12. Ecological Information

Eco-toxicological Information: Not expected to significantly bio-accumulate.
Chemical Fate Information: Not expected to be toxic to aquatic life.

## 13. Disposal Considerations

Although this product itself is generally safe, during the course of its use, it may pick up certain hazardous materials. When using in combination with aforementioned hazards, dispose of as you would for those materials. Normal disposal should take in to consideration drain and pipe abilities as well as any local, state or federal regulations.

## 14. Transport Information

Part Numbers: NA
DOT Shipping Name: Not Regulated
DOT Hazard Class: NA
UN/NA Number: NA
Packing Group: NA
DOT Label: NA
DOT Pictogram:

## 15. Regulatory Information

OSHA Status: These items meet the OSHA Hazard Communication Standard (29 CFR 1910 1200) definition of a hazardous material
TSCA Status: All components of this solution are listed on the TSCA inventory or are mixtures (hydrates) of items listed on the TSCA inventory.
SARA Title III:
Section 302 Extremely Hazardous Substances: N/A
Section 311/312 Hazardous Categories: Acute, Chronic: Yes Fire, Pressure, Reactivity: No
Section 313 Toxic Chemicals: N/A
California: None Reported
Pennsylvania: Ammonium Bi-Fluoride is listed as an Environmental Hazard on the state's Hazardous Substance List.
RCRA Status: N/A
CERCLA Reportable Quantity: Ammonium Bi-Fluoride – 100 pounds.
WHMIS: E: Corrosive Material

## 16. Other Information

| HMIS RATINGS | | NFPA RATINGS | |
|---|---|---|---|
| Health: | [3] | Health: | [3] |
| Flammability Classification: | [0] | Flammability Classification: | [0] |
| Reactivity: | [0] | Reactivity: | [0] |
| Pers. Protection: | [B] | Special Hazards: | [None] |

Rev 1. 11-15-2005: (Section 1) added Red Bird catalog number AX-920, (Section 15) removed D-1B from WHMIS information
Rev 2. 03-02-2006: (Section 1) added Red Bird catalog number A-365

Rev 3. 10-04-2006: (Section 1) added Red Bird catalog number A-364, A-366 and A-368: (Sections 2) revised concentration of Ammonium Bi-fluoride from 5-15%.

WORK PRACTICES: Proper work practices and planning should be utilized to avoid contact with workers, passerby, and non-masonry surfaces. Brush on or apply at the lowest practical pressure. Do not atomize during application. Application equipment scaffolding, swing stages and support systems must be constructed of acid resistant materials. Use only well maintained staging and scaffolding that is equipped with steel cable. This product will attack nylon, cotton and hemp roping. Use polypropylene ropes and safety lines. Dilution and application equipment should be of polypropylene of HDPE construction. Beware of wind drift. Wind-drift hazards mat be diminished by pre rinsing with low-pressure water before pressure washing. Divert pedestrian traffic around work areas. Seed the Product Data sheet and label for specific precautions to be taken during use. Smoking, eating and drinking should be discourages during the use of this product. Wash hands after handling or use.

This product is only to be used as supplied and specified. Do not alter; mix with chlorine-type bleaches or other chemicals or dilute product except as specified in the Product Data sheet.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Use Proper safety equipment (see section VIII) when handling. Store in a cool, well-ventilated area. Separate from oxidizing agents, nitric acid, alkalis, chlorates, sulfides, etc. (see section VI). Do not remove product label. Material diluted for application must be properly labeled and stored in acid resistant containers with rubber-lined steel, polypropylene or polypropylene construction.

Addition of acidic cleaner to water releases heat, which can result in violent boiling and spattering. Always add cleaner to water slowly and in small amounts. Never use hot water. Never add water to acidic cleaners.

Containers of this material may be hazardous when emptied, since emptied containers retain produce residues (vapor, liquid, and/or solid). All hazardous precautions given in this data sheet must be observed.

OTHER PRECAUTIONS: Do not get in eyes, on skin or on clothing. Can cause severe injury or blindness. Avoid breathing mist or vapor. Provide ventilation sufficient to limit employee exposure below OSHA permissible limit. Do not take internally. Wash hands and exposed skin thoroughly after handling.

Disclaimer:
This information provided in this safety data sheet is correct to the best of our knowledge, information and belief at the date of publication. Information given is design only as guidance for safe handling use, processing, storage, transportation, disposal and is not to be considered a warranty or quality specification. The information relates only to specific material designated and may not be valid for such materials used in combination with any other material or in any process not a specified in this text.