

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Vantage Alkaline Boost
PRODUCT ID: 38013
PRODUCT USE: Cleaning compound
EMERGENCY: CALL CHEMTREC 1-800-424-9300

MANUFACTURER: National Chemicals, Inc.
 PO Box 32, Winona, MN 55987
 800-533-0027 or 507-454-5640
 info@NationalChemicals.com

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
Skin Irritation: Category 3 Eye Irritation: Category 2B		

Hazard Symbols:

Signal Word:
WARNING

Hazard Statements	Precautionary Statements
H316: Causes mild skin irritation H320: Causes eye irritation	P102: Keep out of reach of children P264: Wash thoroughly after handling

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
Tetrapotassium Pyrophosphate	7320-34-5	≤ 5%
Trisodium Phosphate	7601-54-9	≤ 5%
Sodium Metasilicate	6834-92-0	≤ 5%

Other ingredients are judged to be non-hazardous, their CAS numbers and exact percent of composition are proprietary to National Chemicals, Inc.

SECTION 4 FIRST AID MEASURES

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present. If irritation persists, get medical advice.
If on Skin: Rinse skin with water. If skin irritation occurs, get medical advice.
If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If Swallowed: Rinse mouth. Do not induce vomiting.

SECTION 5 FIREFIGHTING MEASURES

Flammable Properties: Not Flammable
Suitable Extinguishing Media: Use media appropriate for surrounding fire.
Protection for Firefighters: Wear self-contained breathing apparatus and full protective gear, as with any fire.
Fire and Explosion Hazards: None known

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ventilate area. Use personal protective equipment.
Environmental Precautions: Small amounts of residue may be flushed to sewer with plenty of water.
Methods For Cleaning Up: Soak up or rinse with plenty of water.

SECTION 7 HANDLING AND STORAGE

Handling : Do not get in eyes. Wash thoroughly after handling. When mixing, slowly add chemical to water. Never add water to chemical.
Storage: Store in a cool, dry place. Keep container tightly closed and properly labeled.

SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

Eye Protection: Wear safety glasses or goggles.
Skin Protection: Wear gloves if skin is sensitive and prone to irritation.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, Colorless Liquid
Odor: Odorless
Water Solubility: Soluble

Boiling Point: Greater than 250 °F
Freezing Point: Less than 32 °F

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under normal packaged conditions.
Decomposition: None known
Incompatible Materials: Acids

SECTION 11 TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure: Eyes. Ingestion.
Acute Systems And Effects: The severity of the tissue damage is a function of concentration, the length of tissue contact time, and local tissue conditions. After exposure, there may be a time delay before irritation and other effects occur.
Eye Contact: Causes irritation.
Skin Contact: May cause irritation.

SECTION 12 ECOLOGICAL INFORMATION

No data is available

SECTION 13 WASTE DISPOSAL CONSIDERATIONS

Reuse or reprocess if possible. Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

SECTION 14 TRANSPORT INFORMATION

Hazard Class: Not classified as hazardous according to Department of Transportation

SECTION 15 REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt for TSCA Inventory requirements.
SARA TITLE III,
SECTIONS 311/312: ACUTE: No CHRONIC: Yes FIRE: No REACTIVE: No SUDDEN RELEASE: No
SARA TITLE 313: Not regulated

SECTION 16 OTHER INFORMATION

Training Necessary: Yes, training in practices and procedures contained in product literature or on product label
Issue Date: June 17, 2015
Supersedes:

This product is intended for use by skilled individuals at their own risk. The information contained herein is based on data considered accurate based on current state of knowledge and experience. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Vantage Enzyme
PRODUCT ID: 38003
PRODUCT USE: Cleaning compound
EMERGENCY: CALL CHEMTREC 1-800-424-9300

MANUFACTURER: National Chemicals, Inc.
 PO Box 32, Winona, MN 55987
 800-533-0027 or 507-454-5640
 info@NationalChemicals.com

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
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Hazard Symbols:

Signal Word:

Hazard Statements	Precautionary Statements
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SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
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Ingredients are non-hazardous, their CAS numbers and exact percent of composition are proprietary to National Chemicals, Inc.

SECTION 4 FIRST AID MEASURES

If swallowed: Drink plenty of water.
If in Eyes: Rinse with plenty of water. Remove contact lenses, if present and continue rinsing.

SECTION 5 FIREFIGHTING MEASURES

Flammable Properties: Not Flammable
Suitable Extinguishing Media: Use media appropriate for surrounding fire.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: None required
Methods For Cleaning Up: Wipe up spill or rinse with water.

SECTION 7 HANDLING AND STORAGE

Store at room temperature. Do not allow to exceed 170° F or enzymes will become disabled or inactive.

SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

Eye Protection: None required
Skin Protection: None required

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: blue liquid	Boiling Point: 212° F
Odor: slight	Specific Gravity: 1.003
Water Solubility: complete	

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable
Conditions to Avoid: None
Incompatible Materials: None

SECTION 11 TOXICOLOGICAL INFORMATION

Product is pH neutral, non-hazardous, non-acidic, and non-flammable. All components are organic in nature and non-toxic, non-caustic, and non-corrosive.

SECTION 12 ECOLOGICAL INFORMATION

Not harmful to aquatic life.

SECTION 13 WASTE DISPOSAL CONSIDERATIONS

No special considerations required. Dispose through regular drain systems.

SECTION 14 TRANSPORT INFORMATION

Hazard Class: Not classified as hazardous according to Department of Transportation.

SECTION 15 REGULATORY INFORMATION

TSCA Inventory Status: Non-hazardous

SARA TITLE III,

SECTIONS 311/312: Not listed

SARA TITLE 313: Not listed

SECTION 16 OTHER INFORMATION

Training Necessary: Yes, training in practices and procedures contained in product literature or on product label

Issue Date: June 11, 2015

Supersedes:

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SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Vantage Flavor Rescue D

PRODUCT ID: 38023

PRODUCT USE: Cleaning compound

EMERGENCY: CALL CHEMTREC 1-800-424-9300

MANUFACTURER: National Chemicals, Inc.
PO Box 32, Winona, MN 55987
800-533-0027 or 507-454-5640
info@NationalChemicals.com

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
Acute toxicity, oral Category 4 Acute toxicity, inhalation Category 4 Skin Irritation Category 3 Eye Irritation Category 2A		Oxidizer: Category 3

Hazard Symbols:

Acute toxicity, oral
Acute toxicity, inhalation
Eye irritation



Signal Word:

WARNING

Hazard Statements	Precautionary Statements
H272: May intensify fire; oxidizer H302: Harmful if swallowed H316: Causes mild skin irritation H319: Causes serious eye irritation H332: Harmful if inhaled	P102: Keep out of reach of children P210: Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P261: Avoid breathing dust P264: Wash thoroughly after handling P270: Do not eat, drink or smoke when using this product P280: Wear eye protection

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
Sodium carbonate peroxyhydrate	15630-89-4	40-55%
Sodium Carbonate	497-19-8	10-20%
Trisodium Phosphate	7601-54-9	≤ 10%
Sodium Metasilicate	6834-92-0	≤ 5%
Sodium Sesquicarbonate	533-96-0	≤ 5%
Dodecylbenzenesulphonate, sodium salt	68411-30-3	≤ 5%

Other ingredients are judged to be non-hazardous, their CAS numbers and exact percent of composition are proprietary to National Chemicals, Inc.

SECTION 4 FIRST AID MEASURES

If in Eyes: Rinse cautiously with for several minutes. Remove contact lenses, if present. If irritation persists, get medical advice.
If on Skin: If skin irritation occurs, get medical advice.
If Inhaled: Remove person to fresh air and keep comfortable for breathing. Call Poison Center or doctor if you feel unwell.
If Swallowed: Rinse mouth. Call Poison Center or doctor, if you feel unwell.

SECTION 5 FIREFIGHTING MEASURES

Suitable Extinguishing Media: Use extinguishing agents suitable for surrounding fire.
Protection for Firefighters: Wear self-contained breathing apparatus and full protective gear, as with any fire.
Hazardous Combustion: Oxygen
Fire and Explosion Hazards: Oxygen released in thermal decomposition may support combustion. Contact with combustible material may cause fire. Contact with flammables may cause fire or explosions. Risk of explosion if heated under confinement.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Minimize dust generation. Avoid breathing dust.
Methods For Cleaning Up: Sweep up and containerize for disposal. Small amounts of residue may be flushed to sewer with plenty of water.

SECTION 7 HANDLING AND STORAGE

Handling : Minimize dust generation and accumulation. Wash thoroughly after handling. When mixing, slowly add chemical to water, never add water to chemical.

Storage: Store in a cool, dry place away from incompatibles. Keep container tightly closed and properly labeled.

SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

Eye Protection: Wear safety glasses with side shields.

Skin Protection: Use rubber or neoprene gloves. Thoroughly clean and dry contaminated clothing before reuse.

Respiratory: Provide local exhaust ventilation where dust generation and accumulation may be generated.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: White and Blue Powder

Odor: Odorless

Water Solubility: Complete at recommended dilutions

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under normal use and storage.

Decomposition: Oxygen

Incompatible Materials: Water, Acids, Bases, Heavy metal salts, Reducing agents, Organic materials, Flammable or Combustible material

Conditions to Avoid: Do not overheat.

SECTION 11 TOXICOLOGICAL INFORMATION

Acute Systems And Effects: The severity of irritation is affected by the length of contact time. After exposure there may be a time delay before irritation occurs.

Eye Contact: May cause irritation or damage.

Skin Contact: May cause irritation.

Ingestion: May be harmful if swallowed.

Respiratory: Dusts and mists may be irritating to the upper respiratory tract.

Chronic Effects: None known

SECTION 12 ECOLOGICAL INFORMATION

No data available

SECTION 13 WASTE DISPOSAL CONSIDERATIONS

Reuse or reprocess if possible. Dispose in accordance with all applicable regulations.

SECTION 14 TRANSPORT INFORMATION

Hazard Class: Not classified as hazardous according to Department of Transportation

SECTION 15 REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt for TSCA Inventory requirements.

SECTION 16 OTHER INFORMATION

Training Necessary: Yes, training in practices and procedures contained in product literature or on product label

Issue Date: January 27, 2016

Supersedes:

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SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Vantage Flavor Rescue C
PRODUCT ID: 38023
PRODUCT USE: Cleaning compound
EMERGENCY: CALL CHEMTREC 1-800-424-9300

MANUFACTURER: National Chemicals, Inc.
 PO Box 32, Winona, MN 55987
 800-533-0027 or 507-454-5640
 info@NationalChemicals.com

SECTION 2 HAZARDS IDENTIFICATION

GHS CLASSIFICATION:

Health	Environmental	Physical
Skin Irritation: Category 3 Eye Irritation: Category 2B		

Hazard Symbols:

Signal Word:
WARNING

Hazard Statements	Precautionary Statements
H316: Causes mild skin irritation H320: Causes eye irritation	P102: Keep out of reach of children P264: Wash thoroughly after handling

SECTION 3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS No.	Concentration % by Weight
Tetrapotassium Pyrophosphate	7320-34-5	≤ 5%
Trisodium Phosphate	7601-54-9	≤ 5%
Sodium Metasilicate	6834-92-0	≤ 3%

Other ingredients are judged to be non-hazardous, their CAS numbers and exact percent of composition are proprietary to National Chemicals, Inc.

SECTION 4 FIRST AID MEASURES

If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present. If irritation persists, get medical advice.
If on Skin: Rinse skin with water. If skin irritation occurs, get medical advice.
If Inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If Swallowed: Rinse mouth. Do not induce vomiting.

SECTION 5 FIREFIGHTING MEASURES

Flammable Properties: Not Flammable
Suitable Extinguishing Media: Use media appropriate for surrounding fire.
Protection for Firefighters: Wear self-contained breathing apparatus and full protective gear, as with any fire.
Fire and Explosion Hazards: None known

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Ventilate area. Use personal protective equipment.
Environmental Precautions: Small amounts of residue may be flushed to sewer with plenty of water.
Methods For Cleaning Up: Soak up or rinse with plenty of water.

SECTION 7 HANDLING AND STORAGE

Handling : Do not get in eyes. Wash thoroughly after handling. When mixing, slowly add chemical to water. Never add water to chemical.
Storage: Store in a cool, dry place. Keep container tightly closed and properly labeled.

SECTION 8 PRECAUTIONS TO CONTROL EXPOSURE/PERSONAL PROTECTION

Eye Protection: Wear safety glasses or goggles.
Skin Protection: Wear gloves if skin is sensitive and prone to irritation.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear, Colorless Liquid
Odor: Odorless
Water Solubility: Soluble

Boiling Point: Greater than 250 °F
Freezing Point: Less than 32 °F

SECTION 10 STABILITY AND REACTIVITY

Stability: Stable under normal packaged conditions.
Decomposition: None known
Incompatible Materials: Acids

SECTION 11 TOXICOLOGICAL INFORMATION

Likely Routes Of Exposure: Eyes. Ingestion.
Acute Systems And Effects: The severity of the tissue damage is a function of concentration, the length of tissue contact time, and local tissue conditions. After exposure, there may be a time delay before irritation and other effects occur.
Eye Contact: Causes irritation.
Skin Contact: May cause irritation.

SECTION 12 ECOLOGICAL INFORMATION

No data is available

SECTION 13 WASTE DISPOSAL CONSIDERATIONS

Reuse or reprocess if possible. Flush spill with plenty of water before disposal. Dispose in accordance with all applicable regulations.

SECTION 14 TRANSPORT INFORMATION

Hazard Class: Not classified as hazardous according to Department of Transportation

SECTION 15 REGULATORY INFORMATION

TSCA Inventory Status: All components of this product are on the TSCA Inventory or are exempt for TSCA Inventory requirements.
SARA TITLE III,
SECTIONS 311/312: ACUTE: No CHRONIC: Yes FIRE: No REACTIVE: No SUDDEN RELEASE: No
SARA TITLE 313: Not regulated

SECTION 16 OTHER INFORMATION

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