



# FRESH START™

## Concentrated Malodor Counteractant

### DESCRIPTION

A revolutionary air freshener & malodor counteractant used for controlling obnoxious odors. Utilizes proprietary MCA™ odor inhibitor to change the molecular structure of odor causing substances. Contains our exclusive Astra™ essence blooms to fill the area with a beautiful modern fresh scent. Controls odors for over 24 hours.

### PRODUCT FEATURES / BENEFITS

- Proprietary MCA™ odor inhibitors / Exclusive Astra™ fragrance
- Immediately controls obnoxious odors / Beautiful modern fresh scent
- Non-flammable / Used in various methods of odor control

### DIRECTIONS FOR USE

(Note: Before use on fabrics, furniture, cars, clothing, bedding, etc. test spray area for color fastness.)

**Restrooms, lockers, schools, hospitals, public buildings, zoos, kennels:** Add deodorant (2-4 oz./gal) to cleaning solution for continuous long term action or spray areas with 10-12 oz. / gallon solution for immediate control of odors.

**Spraying:** Add 8-10 oz. of deodorant per gallon of water. Use as a space spray indoors or outdoors on garbage, industrial wastes, incinerators, kennels, sewage lagoons, sludge beds and other area where odors are a problem.

**Addition to cleaners:** Add 2-4 oz. of deodorant per gallon of cleaning solution. Provides immediate and long term control of malodors on floors, carpets.

### SPECIFICATIONS

pH ..... 7.2 ± 0.1  
Specific Gravity (g/cc)..... 1.00 ± 0.01  
Density (lbs/gal) ..... 8.3 ± 0.1  
Solubility in water ..... Complete

Malodor Counteractant ..... Yes  
Color ..... Clear blue liquid  
Odor ..... Astra™ fragrance  
Flash Point ..... None

### SAFETY INFORMATION

**WARNING:** CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. KEEP OUT OF REACH OF CHILDREN.

**Prevention:** Observe good industrial hygiene practices. Avoid breathing mist or vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Wear eye/face protection. In case of inadequate ventilation wear respiratory protection.

**Response:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash hands after handling.

**Storage:** Store away from incompatible materials.

**Disposal:** Dispose of waste and residues in accordance with local authority requirements.



This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

One or more components are not listed on TSCA.

#### Additional safety measures:

Read the entire label and SDS before using this product, and for additional first-aid measures. SDS for this product is available on the web at [www.nclonline.com](http://www.nclonline.com)

For Commercial and Industrial Use Only



DEODORANT



World Class Cleaning Solutions®

401 N. 10th Street • Philadelphia, PA 19123  
1-800-NAT-CHEM • 215-922-1200 • FAX: 215-922-5517  
[www.nclonline.com](http://www.nclonline.com) • e-mail: [info@nclonline.com](mailto:info@nclonline.com)



TDS-1415-0615


**SAFETY DATA SHEET**

**Section 1 - Identification**

Product Identifier	FRESH START Concentrated Malodor Counteractant
Other means of identification	1415
Recommended use	Odor control agent.
Recommended restrictions	For commercial and industrial use only.
<b>Manufacturer / Importer / Supplier / Distributor Information</b>	
Company Name	National Chemical Laboratories of PA, Inc.
Address	401 N. 10th Street - Philadelphia, PA 19123
Telephone	1 (215) 922-1200
Supplier Email	info@nclonline.com
Contact	CHEM-TEL
Emergency Phone	1 (800) 255-3924

**Section 2 - Hazard(s) Identification**

SDS Hazards and Warnings are based on the undiluted product. Refer to diluted SDS for Ready-To-Use Hazards and Warnings.

	Classification	Category
Physical Hazards	Not Classified	
Health Hazards	Serious eye damage/eye irritation	2A
	Skin corrosion/irritation	2
OSHA defined hazards	Not Classified.	
Label Elements		
Hazard Symbol		
Signal Word	Warning	
Hazard Statement	Causes skin irritation. Causes serious eye irritation.	
Precautionary statement		
Prevention	Observe good industrial hygiene practices. Avoid breathing mist or vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Wear eye/face protection. In case of inadequate ventilation wear respiratory protection.	
Response	If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash hands after handling.	
Storage	Store away from incompatible materials.	
Disposal	Dispose of waste and residues in accordance with local authority requirements.	
Hazard(s) not otherwise classified (HNOC)	None known.	

**Section 3 - Composition/Information on ingredients**

<b>Mixture</b>			
Hazardous Components	Ingredient Name	CAS #	%
	4-Nonylphenol, branched, ethoxylated	127087-87-0	1 - 5
	Fragrance	mixture*	1 - 5
Composition Comments	Components not listed are either non-hazardous or are below reportable limits. Ingredients in the fragrance mixture are considered to be trade secrets and are withheld in accordance with the provisions of 1910.1200 of the Code of Federal Regulations.		

**Section 4 - First-aid Measures**

Inhalation	Move to fresh air. Get medical attention if irritation develops and persists.
Skin contact	Wash off with soap and water. Get medical attention if irritation develops and persists.
Eye contact	Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists.
Ingestion	Rinse mouth. Get medical attention if irritation persists.

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<b>Most Important symptoms /effects, acute and delayed</b>	Causes serious eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Skin irritation. May cause redness and pain.
<b>Indication of immediate medical attention and special treatment</b>	Provide general supportive measures and treat symptomatically. Keep victim under observation. Symptoms may be delayed.
<b>General Information</b>	Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves.

### Section 5 - Fire-fighting measures

<b>Suitable extinguishing media</b>	Water fog. Foam. Dry chemical powder. Carbon dioxide (CO <sub>2</sub> ).
<b>Unsuitable extinguishing media</b>	Do not use water jet as an extinguisher, as this will spread the fire.
<b>Specific hazards arising from the chemical</b>	During fire, gases hazardous to health may be formed.
<b>Special protective equipment and precautions for firefighters</b>	Self-contained breathing apparatus and full protective clothing must be worn in case of fire.
<b>Fire-fighting equipment /instructions</b>	Move containers from fire area if you can do it without risk.
<b>General fire hazards</b>	Use standard firefighting procedures and consider the hazards of other involved materials.
<b>Specific Methods</b>	No unusual fire or explosion hazards noted.

### Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Wear appropriate protective equipment and clothing during clean-up. Avoid breathing mist or vapor. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. For personal protection, see section 8 of the SDS.
<b>Methods and materials for containment and cleaning up</b>	This product is miscible in water. Large Spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Absorb in vermiculite, dry sand or earth and place into containers. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Avoid discharge into drains, water courses or onto the ground.

### Section 7 - Handling and storage

<b>Precautions for safe handling</b>	Do not get this material in contact with eyes. Avoid prolonged exposure. Provide adequate ventilation. Wear appropriate personal protective equipment. Observe good industrial hygiene practices.
<b>Conditions for safe storage, including any incompatibilities</b>	Store in original tightly closed container. Store away from incompatible materials (see Section 10 of the SDS).

### Section 8 - Exposure control/personal protection

<b>Occupational exposure limits</b>	No exposure limits noted for ingredient(s).
<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Appropriate engineering controls</b>	Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.
<b>Individual protection measures, such as personal protective equipment</b>	
<b>Eye/face protection</b>	Wear safety glasses with side shields (or goggles) and a face shield.
<b>Skin protection</b>	
<b>Hand protection</b>	Wear appropriate chemical resistant gloves.
<b>Other</b>	Not available.
<b>Respiratory protection</b>	In case of insufficient ventilation, wear suitable respiratory equipment.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

### Section 9 - Physical and chemical properties

<b>Appearance</b>	
<b>Physical state</b>	Liquid.
<b>Form</b>	Clear, thin liquid.
<b>Color</b>	Blue.
<b>Odor</b>	Astra™ (Herbal)
<b>Odor threshold</b>	Not available.
<b>pH</b>	7.2

## SAFETY DATA SHEET

Melting point/freezing point	Not relevant.
Initial boiling point and boiling range	212 °F (100 °C)
Flash point	> 212.0 °F (> 100.0 °C)
Evaporation rate	Not available.
Flammability (solid, gas)	Not available.
<b>Upper/lower flammability or explosive limits</b>	
Flammability limit - lower (%)	Not available.
Flammability limit - upper (%)	Not available.
Explosive limit - lower (%)	Not available.
Explosive limit - upper (%)	Not available.
Vapor pressure	Similar to water.
Vapor density	Similar to water.
Relative density	1.00 ± 0.01
Relative density temperature	75 °F (23.89 °C)
Solubilities	Completely soluble.
Partition Coefficient n-octanol/water	Not available
Auto-ignition temperature	Not Available
Decomposition temperature	Not Available
Viscosity	<10 cSt
Viscosity Temperature	75 °F (23.89 °C)

### Section 10 - Stability and reactivity

Reactivity	The product is non-reactive under normal conditions of use, storage and transport.
Chemical stability	Material is stable under normal conditions.
Possibility of hazardous reactions	No dangerous reaction known under conditions of normal use.
Conditions to Avoid	Contact with incompatible materials.
Incompatible materials	Strong oxidizing agents.
Hazardous Decomposition Products	No hazardous decomposition products are known.

### Section 11 - Toxicological information

#### Information on likely routes of exposure

Ingestion	Expected to be a low ingestion hazard.
Inhalation	Under normal conditions of intended use, this material is not expected to be an inhalation hazard.
Skin contact	Prolonged or repeated skin contact may cause drying, cracking, or irritation.
Eye contact	Causes serious eye irritation.

**Symptoms related to the physical, chemical and toxicological characteristics**  
Severe eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.

#### Information on toxicological effects.

Acute toxicity	Not expected to be acutely toxic.
Skin corrosion/irritation	Prolonged skin contact may cause temporary irritation.
Serious eye damage/ eye irritation	Causes serious eye irritation.
Respiratory sensitization	This product is not expected to cause respiratory sensitization.
Skin sensitization	Not classified.
Germ cell mutagenicity	No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
Carcinogenicity	This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.
Reproductive toxicity	This product is not expected to cause reproductive or developmental effects.
Specific target organ toxicity - single exposure	Not classified.
Specific target organ toxicity - repeated exposure	Not classified.
Aspiration hazard	Not available.
Chronic effects	Prolonged inhalation may be harmful.

### Section 12 - Ecological Information

Ecotoxicity	The product contains a substance which is toxic to aquatic organisms. May be harmful to the environment if released in large quantities.
Persistence and degradability	No data is available on the degradability of this product.

# SAFETY DATA SHEET

<b>Bioaccumulative potential</b>	No data available.
<b>Partition coefficient n-octanol / water log (Kow)</b>	
Components	Results
4-Nonylphenol, branched, ethoxylated (CAS 127087-87-0)	2.1 - 3.4 (Calculated)
<b>Mobility in soil</b>	The product is water soluble and may spread in water systems.
<b>Other adverse effects</b>	None known.

## Section 13 - Disposal considerations

<b>Disposal instructions</b>	Dispose in accordance with applicable federal, state, and local regulations.
<b>Local disposal regulations</b>	Dispose of in accordance with local regulations.
<b>Hazardous waste code</b>	Waste codes should be assigned by the user based on the application for which the product was used.
<b>Waste from residues / unused products</b>	Dispose in accordance with all applicable regulations.
<b>Contaminated packaging</b>	Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## Section 14 - Transport information

<b>DOT</b>	Not regulated as dangerous goods.
<b>IATA</b>	Not regulated as dangerous goods.
<b>IMDG</b>	Not regulated as dangerous goods.
<b>Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code</b>	This substance/mixture is not intended to be transported in bulk.

## Section 15 - Regulatory Information

<b>US federal regulations</b>	This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.	
<b>TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)</b>		Not regulated.
<b>US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)</b>		Not listed.
<b>CERCLA Hazardous Substance List (40 CFR 302.4)</b>		Not listed.
<b>Superfund Amendments and Reauthorization Act of 1986 (SARA)</b>		
<b>Hazard Categories</b>	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	No
	Pressure Hazard	No
	Reactivity Hazard	No
<b>SARA 302 Extremely hazardous substance</b>		Not listed.
<b>SARA 311/312 Hazardous chemical</b>		Yes
<b>SARA 313 (TRI reporting)</b>		Not regulated.
<b>Other federal regulations</b>		
<b>Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List</b>		Not listed.
<b>Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)</b>		Not regulated.
<b>Safe Drinking Water Act (SDWA)</b>	Not regulated.	
<b>Food and Drug Administration (FDA)</b>	Not regulated.	
<b>US state regulations</b>		
<b>US.Massachusetts RTK - Substance List</b>		Not regulated.
<b>US.New Jersey Worker and Community Right-to-Know Act</b>		Not listed.
<b>US.Pennsylvania RTK - Hazardous Substances</b>		Not listed.
<b>US.Rhode Island RTK</b>		Not regulated.
<b>US - California Proposition 65</b>		California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65): This material is not known to contain any chemicals currently listed as carcinogens or reproductive toxins.
<b>International Inventories</b>		
<b>Country(s) or region</b>	<b>Inventory Name</b>	<b>On Inventory (yes/no)*</b>
Australia	Australian Inventory of Chemical Substances (AICS)	Yes
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	Yes
Europe	European Inventory of Existing Commercial Chemical Substances (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No
Japan	Inventory of Existing and New Chemical Substances (ENCS)	Yes
Korea	Existing Chemicals List (ECL)	Yes
New Zealand	New Zealand Inventory	Yes
Philippines	Philippine Inventory of Chemicals and Chemical Substances	Yes
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

## ***SAFETY DATA SHEET***

\*A "Yes" indicates this product complies with the inventory requirements administered by the governing country(s).

\*A "No" indicates that one or more components of the product are not listed or exempt from listing on the inventory administered by the governing country(s).

### ***Section 16 - Other information, including date of preparation or last version***

**Issue date** 5/5/2015

**Version #** 02

**Disclaimer** The information contained herein was obtained from current and reliable sources. However, the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy. Since the conditions for use, handling, storage and disposal of this product are beyond the manufacturer's control, it is the user's responsibility both to determine safe conditions for use of this product and to assume liability for loss, injury, damage or expense arising from the product's improper use. No warranty, expressed or implied, regarding the product described herein shall be created by or inferred from any statement or omission in this SDS. Various government agencies may have specific regulations concerning the transportation, handling, storage, use or disposal of this product which may not be reflected in this SDS. The user should review these regulations to ensure full compliance.

#### Directions for Use:

**Spraying:** Add 10-12 oz. of FRESH START™ per gallon of water. Use as a space spray in indoor areas or outdoors on garbage, industrial wastes, incinerators, kennels, sewage lagoons, sludge beds and other areas where odors are a problem.

**Addition to cleaners:** Add 2-4 oz. of FRESH START™ per gallon of cleaning solution or to laundry. Provides immediate and long term control of malodors on floors, carpets, upholstery, furniture, cars, clothing, bedding, etc. without staining.

**Restrooms, lockers, schools, hospitals, public buildings, zoos, kennels:** Add 2-4 oz. of FRESH START™ to cleaning solution for continuous long term action or spray areas with a solution of 10-12 oz. of FRESH START™ per gallon of water for immediate control of odors.

#### Instrucciones para Uso:

**Rociadura:** Agregar 10-12 onza. del FRESH START™ por el galón de agua. Uso como aerosol del espacio en áreas de interior o al aire libre en la basura, basuras industriales, incineradores, perreras, lagunas de las aguas residuales, camas del lodo y otras áreas donde están un problema los olores.

**Adición a los limpiadores:** Agregar 2-4 onza. del FRESH START™ por galón de solución de la limpieza o al lavadero. Proporciona el control inmediato y a largo plazo de malodors en pisos, las alfombras, la tapicería, los muebles, los coches, la ropa, el lecho, el etc. sin mancharse.

**Restrooms, armarios, escuelas, hospitales, edificios públicos, parques zoológicos, perreras:** Agregar 2-4 onza. del FRESH START™ limpieza solución para las áreas a largo plazo continuas de la acción o del aerosol con una solución de 10-12 onza. del FRESH START™ por el galón de agua para el control inmediato de olores.



World Class Cleaning Solutions®



Deodorizer

# Fresh Start™

## Concentrated Malodor Counteractant

Exceptional Astra™ fragrance coupled with our exclusive MCA™ malodor counteractant offers superior control of offensive odors from restrooms, hotel guest rooms, and other areas where odors are a problem!

**WARNING: CAUSES SKIN IRRITATION.**

See side panel for additional precautionary statements.

**ATENCIÓN: PRODUCE IRRITACIÓN DE LA PIEL.**

Ver panel lateral para las medidas preventivas adicionales.

NET CONTENTS: 1 Quart / .946 Liters

**National Chemical Laboratories, Inc.**

Philadelphia, PA 19123 USA

(800) 628-2436 • [www.nclonline.com](http://www.nclonline.com)

Product No.: 1415



**WARNING: CAUSES SKIN IRRITATION. CAUSES SERIOUS EYE IRRITATION. KEEP OUT OF THE REACH OF CHILDREN.**

#### Precautionary statement

**Prevention:** Observe good industrial hygiene practices. Avoid breathing mist or vapor. Wash thoroughly after handling. Contaminated work clothing must not be allowed out of the workplace. Wear protective gloves. Wear eye/face protection. In case of inadequate ventilation wear respiratory protection.

**Response:** If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center/doctor. Wash hands after handling.

**Storage:** Store away from incompatible materials.

**Disposal:** Dispose of waste and residues in accordance with local authority requirements.

This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200. All components are on the U.S. EPA TSCA Inventory List.

**Additional safety measures:** Read the entire label and SDS before using this product, and for additional first aid measures. SDS for this product is available on the web at [www.nclonline.com](http://www.nclonline.com)

**ATENCIÓN: PRODUCE IRRITACIÓN DE LA PIEL. PROVOCA IRRITACIÓN OCULAR GRAVE. MANTENER FUERA DEL ALCANCE DE LOS NIÑOS.**

#### Consejos de prudencia

**Prevención:** Observar las buenas prácticas de higiene industrial. Evitar la inhalación de vapores o niebla. Lávese cuidadosamente después de la manipulación. Ropa de trabajo contaminada no debe ser permitido salir del lugar de trabajo. Llevar guantes de protección. Use protección para los ojos/la cara. En caso de ventilación insuficiente utilizar protección respiratoria.

**Respuesta:** Si en los ojos: Enjuague con cuidado con agua durante varios minutos. Quite los lentes de contacto, si los hay, y muy fácil de hacer. Continúe enjuagando. Inmediatamente llame a un centro de envenenamientos/médico. Lávese las manos después de la manipulación.

**Almacenamiento:** Almacenar lejos de materiales incompatibles.

**Eliminación:** Deshacerse de los desechos y residuos de conformidad con los requisitos de la autoridad.

Este producto es una "sustancia química peligrosa" que se define por la OSHA Hazard Communication Standard, 29 CFR 1910.1200. Todos los componentes son de la EPA de EE.UU. Lista de inventario TSCA.

#### Medidas adicional de primeros auxilios:

Lea toda la etiqueta y SDS antes de usar este producto, así como medidas adicionales de primeros auxilios. SDS para el artículo está disponible en la web en [www.nclonline.com](http://www.nclonline.com)

**CONTAINS:** 4-Nonylphenol, branched, ethoxylated CAS# 127087-87-0

TO LEARN MORE  
ABOUT THIS PRODUCT,  
SCAN THIS QR CODE  
TO VISIT OUR WEBSITE.



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