


**SAFETY DATA SHEET**

**Section 1 - Identification**

<b>Product Identifier</b>	UNISON™ Giare Metered Air Freshener
<b>Other means of identification</b>	2050
<b>Recommended use</b>	Dry air freshener
<b>Recommended restrictions</b>	For commercial and industrial use only.
<b>Manufacturer / Importer / Supplier / Distributor Information</b>	
<b>Company Name</b>	National Chemical Laboratories of PA, Inc.
<b>Address</b>	401 N. 10th Street - Philadelphia, PA 19123
<b>Telephone</b>	1 (215) 922-1200
<b>Supplier Email</b>	info@nclonline.com
<b>Contact</b>	CHEM-TEL
<b>Emergency Phone</b>	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.

	<b>Classification</b>	<b>Category</b>	
<b>Physical Hazards</b>	Flammable Aerosols	2	
	Gases Under Pressure, Compressed Gas		
<b>Health Hazards</b>	Acute toxicity, oral	5	
	Serious eye damage/eye irritation	2A	
	Skin corrosion/irritation	3	
	Specific target organ toxicity, Single exposure	3	TARGET ORGAN: Respiratory system. Central nervous system.
<b>OSHA defined hazards</b>	Not Classified.		
<b>Label Elements</b>			
<b>Hazard Symbol</b>			
<b>Signal Word</b>	Warning		
<b>Hazard Statement</b>	Contains gas under pressure; may explode if heated. Extremely flammable aerosol. Pressurized container: May burst if heated. May be harmful if swallowed. Causes mild skin irritation. Causes serious eye irritation. May cause respiratory irritation. May cause drowsiness or dizziness.		
<b>Precautionary statement</b>			
<b>Prevention</b>	Keep out of reach of children. Read label before use. Keep away from heat/sparks/open flames/hot surfaces. No smoking. Pressurized container. Do not pierce or burn, even after use. Do not get in eyes, on skin, or on clothing. Do not breathe dust/fume/gas/mist/vapors/spray.		
<b>Response</b>	IF SWALLOWED: Rinse mouth. Do not induce vomiting. Call a POISON CENTER or doctor/physician if you feel unwell.. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention. IF ON SKIN: Wash with soap and water. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.		
<b>Storage</b>	Protect from sunlight. Do not expose to temperatures exceeding 122°F/50°C. Store in a well-ventilated place.		
<b>Disposal</b>	Dispose of waste and residues in accordance with local authority requirements.		
<b>Hazard(s) not otherwise classified (HNOC)</b>	None known.		

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

<b>Mixture</b>			
<b>Hazardous Components</b>	<b>Ingredient Name</b>	<b>CAS #</b>	<b>%</b>
	2-Propanone	67-64-1	65 - 75
	Propane	74-98-6	20 - 30

**Section 4 - First-aid Measures**

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<b>Inhalation</b>	Move to fresh air and keep at rest. Call a physician if symptoms develop and persist.
<b>Skin contact</b>	Wash with soap and water. If skin irritation persists, call a physician immediately. Remove contaminated clothing and wash before reuse.
<b>Eye contact</b>	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.
<b>Ingestion</b>	Rinse mouth. Do not induce vomiting without advice from poison control center. If vomiting occurs, keep head low to avoid getting into the lungs. Call a poison control center if large amounts are ingested. Never give anything by mouth to an unconscious person.
<b>Most Important symptoms /effects, acute and delayed</b>	Eye irritation. Symptoms may include stinging, tearing, redness, swelling, and blurred vision.
<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>	Powder, water spray, foam, carbon dioxide.
<b>Unsuitable extinguishing media</b>	Not available.
<b>Specific hazards arising from the chemical</b>	Contents under pressure. Containers may explode when heated.
<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>	Containers may explode when heated. Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA).
<b>Specific Methods</b>	Use standard firefighting procedures and consider the hazards of other involved materials.

## Section 6 - Accidental release measures

<b>Personal precautions, protective equipment and emergency procedures.</b>	Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel. Eliminate sources of ignition. Ruptured cylinders may rocket.
<b>Methods and materials for containment and cleaning up</b>	Refer to attached safety data sheets and/or instructions for use. Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Keep combustibles (wood, paper, oil, etc.) away from spilled material. Stop leak if you can do so without risk. Move the cylinder to a safe and open area if the leak is irreparable. Isolate area until gas has dispersed. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. For waste disposal, see section 13 of the SDS.
<b>Environmental precautions</b>	Many gases are heavier than air and will spread along ground and collect in low or confined areas (sewers, basements, tanks). This material is a water pollutant. Keep out of drains, sewers, ditches, and waterways. Minimize use of water to prevent environmental contamination. Avoid discharge into drains, water courses or onto the ground.

## Section 7 - Handling and storage

<b>Precautions for safe handling</b>	HARMFUL IF LARGE AMOUNTS ARE INHALED OR SWALLOWED. CONCENTRATING VAPORS MAY BE HARMFUL. EYE, SKIN AND RESPIRATORY IRRITANT. Contents under pressure. Keep out of reach of children. Read label cautions carefully. Follow label directions to avoid injury. Use with adequate ventilation. Do not use in confined areas. Keep away from heat, sparks or open flames. Wash hands thoroughly after each use. Do not smoke while using. Avoid contact with skin and eyes. Avoid breathing vapor or mist. Do not puncture container.
<b>Conditions for safe storage, including any incompatibilities</b>	Keep out of reach of children. Do not store near heat, sparks, or open flames. Do not expose to temperatures above 120°F as container may vent, rupture or burst. Do not puncture or incinerate container. Stsdore in accordance with NFPA 30B for LEVEL 3 AEROSOL.

## Section 8 - Exposure control/personal protection

### Occupational exposure limits

#### US. OSHA Table Z-1 Limits for Air Contaminants (29 CFR 1910.1000)

Components	Type	Value
2-Propanone (CAS 67-64-1)	PEL	1000 ppm
Propane (CAS 74-98-6)	TWA	1000 ppm

#### US. ACGIH Threshold Limit Values

Component	Type	Value
Propane (CAS 74-98-6)	TLV	1000 ppm
2-Propanone (CAS 67-64-1)	TLV	500 ppm
2-Propanone (CAS 67-64-1)	STEL	750 ppm

<b>Biological limit values</b>	No biological exposure limits noted for the ingredient(s).
<b>Exposure guidelines</b>	Use personal protective equipment as required. Keep working clothes separately.
<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

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airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level. Provide eyewash station.

## Individual protection measures, such as personal protective equipment

<b>Eye/face protection</b>	If contact is likely, safety glasses with side shields are recommended.
<b>Skin protection</b>	
<b>Hand protection</b>	For prolonged or repeated skin contact use suitable protective gloves.
<b>Other</b>	Wear suitable protective clothing.
<b>Respiratory protection</b>	If engineering controls do not maintain airborne concentrations below recommended exposure limits (where applicable) or to an acceptable level (in countries where exposure limits have not been established), an approved respirator must be worn.
<b>Thermal hazards</b>	Wear appropriate thermal protective clothing, when necessary.
<b>General hygiene considerations</b>	When using do not smoke. 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>	Gas and Liquid.
<b>Form</b>	Clear liquid.
<b>Color</b>	Colorless.
<b>Odor</b>	Fresh (Giane™).
<b>Odor threshold</b>	Not available.
<b>pH</b>	Not applicable.
<b>Melting point/freezing point</b>	Not established.
<b>Initial boiling point and boiling range</b>	56 °C
<b>Flash point</b>	1 °F; (-17 °C)
<b>Evaporation rate</b>	> 1.00 (BuAc=1)
<b>Flammability (solid, gas)</b>	Extremely flammable
<b>Upper/lower flammability or explosive limits</b>	
<b>Flammability limit - lower (%)</b>	Not available.
<b>Flammability limit - upper (%)</b>	Not available.
<b>Explosive limit - lower (%)</b>	Not available.
<b>Explosive limit - upper (%)</b>	Not available.
<b>Vapor pressure</b>	241 hPA @ 68 °F (20 °C)
<b>Vapor density</b>	>1 (Air=1)
<b>Relative density</b>	0.78 - 0.82 g/ml
<b>Relative density temperature</b>	75 °F (23.89 °C)
<b>Solubilities</b>	Partially miscible in water
<b>Partition Coefficient n-octanol/water</b>	Not available
<b>Auto-ignition temperature</b>	465 °C
<b>Decomposition temperature</b>	Not Available
<b>Viscosity</b>	
<b>Viscosity Temperature</b>	75 °F (23.89 °C)
<b>Other Information</b>	
<b>VOC's</b>	24%

## Section 10 - Stability and reactivity

<b>Reactivity</b>	Avoid sources of ignition such as sparks, hot spots, welding flames and lighted cigarettes which may yield toxic and/or corrosive decomposition products. Product is stable under normal conditions.
<b>Chemical stability</b>	Stable at normal conditions.
<b>Possibility of hazardous reactions</b>	Hazardous polymerization does not occur.
<b>Conditions to Avoid</b>	Heat, sparks, open flames and temperatures above 120°F.
<b>Incompatible materials</b>	Strong Acids, Strong Bases, Strong Oxidizing Agents, Strong Reducing Agents.
<b>Hazardous Decomposition Products</b>	CO, CO <sub>2</sub> , and hydrocarbons

## Section 11 - Toxicological information

<b>Information on likely routes of exposure</b>	
<b>Ingestion</b>	Not a normal route of exposure. Harmful: may cause lung damage if swallowed.
<b>Inhalation</b>	May cause respiratory tract irritation. This product may be aspirated into the lungs and cause chemical pneumonitis.
<b>Skin contact</b>	May cause skin irritation. Handling can cause dry skin.

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**Eye contact** May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

## Information on toxicological effects.

**Acute toxicity** May cause respiratory tract irritation. This product may be aspirated onto the lungs and cause chemical pneumonitis.

**Skin corrosion/irritation** May cause skin irritation. Handling can cause dry skin.

**Serious eye damage/ eye irritation** Causes eye irritation.

**Germ cell mutagenicity** Not Hazardous by WHMIS/OSHA criteria.

**Carcinogenicity** Not Hazardous by WHMIS/OSHA criteria.

## IARC Monographs. Overall Evaluation of Carcinogenicity

Component	Result	Comment
2-Propanone (CAS 67-64-1)		

**Chronic effects** Not Hazardous by WHMIS/OSHA criteria.

## Section 12 - Ecological Information

**Ecotoxicity** No product ecological data is available.

**Persistence and degradability** No data is available on the degradability of this product.

**Bioaccumulative potential** No data available.

**Mobility in soil** No data available.

**Other adverse effects** No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## Section 13 - Disposal considerations

**Disposal instructions** Consult authorities before disposal. Contents under pressure. Do not puncture, incinerate or crush. Dispose of contents/container in accordance with local/regional/national/international regulations.

**Local disposal regulations** Dispose in accordance with all applicable regulations.

**Hazardous waste code** The waste code should be assigned in discussion between the user, the producer and the waste disposal company.

**Waste from residues / unused products** Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner.

**Contaminated packaging** Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied. Do not re-use empty containers.

## Section 14 - Transport information

### DOT

<b>UN number</b>	UN1950
<b>Proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	2.1
<b>Packing group</b>	Not Applicable.
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Labels required</b>	None/Ninguno
<b>Packaging exemption</b>	306
<b>Packaging non bulk</b>	None/Ninguno
<b>Packaging bulk</b>	None/Ninguno
<b>Comment</b>	This product meets the exception requirements of section 173.306 as a limited quantity and may be shipped as a limited quantity until 12/31/2020, the "Consumer Commodity - ORM-D" marking may still be used in place of the new limited quantity diamond mark for packages of UN 1950 Aerosols. Limited quantities require the limited quantity diamond mark on cartons after 12/31/20 and may be used now in place of the "Consumer Commodity ORM-D" marking and both may be displayed concurrently.

### IATA

<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	Aerosols, flammable
<b>Transport hazard class(es)</b>	2.1
<b>Packaging group</b>	Not Applicable.
<b>Environmental hazards</b>	No.
<b>Labels required</b>	2.1
<b>ERG Code</b>	10L
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Other Information</b>	
<b>Passenger and Cargo aircraft</b>	Allowed.
<b>Cargo aircraft only</b>	Allowed.

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<b>Packaging Exceptions</b>	LTD QTY
<b>IMDG</b>	
<b>UN number</b>	UN1950
<b>UN proper shipping name</b>	AEROSOLS
<b>Transport hazard class(es)</b>	2.1
<b>Packaging group</b>	Not Applicable.
<b>Environmental hazards</b>	No.
<b>Marine pollutant</b>	
<b>Labels required</b>	2.1
<b>EmS</b>	F-D, S-U
<b>Special precautions for user</b>	Read safety instructions, SDS and emergency procedures before handling.
<b>Packaging Exceptions</b>	LTD QTY
<b>Transportation in bulk according to Annex II of MARPOL 73/78 and IBC Code</b>	Not applicable.

## Section 15 - Regulatory Information

**US federal regulations** 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.

**TSCA Section 12(b) Export Notification (40 CFR707, Subpt. D)**

Components	Result	Comment
2-Propanone (CAS 67-64-1)	65-75%	
Propane (CAS 74-98-6)	20-30%	

**US. OSHA Specifically Regulated Substances (29 CFR 1910.1001-1050)** Not listed.

**CERCLA Hazardous Substance List (40 CFR 302.4)**

Components	Result
2-Propanone (CAS 67-64-1)	

**Superfund Amendments and Reauthorization Act of 1986 (SARA)**

<b>Hazard Categories</b>	Immediate Hazard	Yes
	Delayed Hazard	No
	Fire Hazard	Yes
	Pressure Hazard	Yes
	Reactivity Hazard	No

**SARA 302 Extremely hazardous substance** No

**SARA 311/312 Hazardous chemical** Yes

**SARA 313 (TRI reporting)**

Chemical name	CAS #	% by wt.
2-Propanone	67-64-1	65 - 75

**Other federal regulations**

**Clean Air Act (CAA) Section 112 Hazardous Air Pollutants (HSPs) List** Not regulated.

**Clean Air Act (CAA) Section 112(r) Accidental Release Prevention (40 CFR 68.130)** Not regulated.

**Safe Drinking Water Act (SDWA)** Not regulated.

**Food and Drug Administration (FDA)** Not regulated.

**US state regulations**

**US.Massachusetts RTK - Substance List**

Components  
 Propane (CAS 74-98-6)  
 2-Propanone (CAS 67-64-1)

**US.New Jersey Worker and Community Right-to-Know Act**

Components  
 Propane (CAS 74-98-6)  
 2-Propanone (CAS 67-64-1)

**US.Pennsylvania RTK - Hazardous Substances**

Components  
 Propane (CAS 74-98-6)  
 2-Propanone (CAS 67-64-1)

**US.Rhode Island RTK**

**US - California Proposition 65** 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.

**International Inventories**

Country(s) or region	Inventory Name	On Inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No

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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)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances	No
Unites States Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

\*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** 12/16/2015

**Version #** 01

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