



# Material Safety Data Sheet

MSDS: 760

## SECTION 1: CHEMICAL PRODUCT AND COMPANY INFORMATION

**Company:**

IDQ Operating, Inc.  
2901 W Kingsley Rd.  
Garland, Texas 75041  
Phone No.: 1-888-318-5454  
CHEMTREC Phone No.: 1-800-424-9300

**HAZARD RATING**

Health	1	0 = Insignificant
Fire:	2	1 = Slight
Reactivity:	0	2 = Moderate
Special:	--	3 = High
Toxicity:	--	4 = Extreme

**Product Description:** Auto HVAC Duct Cleaner

**Part Number:** 760

**MSDS Date:** 5/09/2011

## SECTION 2: COMPOSITION AND INFORMATION ON INGREDIENTS

No.	Description	CAS Reg. No.	Units	Amount
1	Nitrogen	7727-37-9	%Weight	1

This product contains no known hazardous materials as defined by OSHA hazard communication standard 29 CFR 1910.1200 and SARA 311 and 312. No toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40CFR 372 are present.

## SECTION 3: HAZARDS INFORMATION

**Portals of Entry:** Inhalation, ingestion, eye contact, skin contact, and dermal absorption.

**Inhalation:** Respiratory irritation, Headache, Nausea, Fatigue, Drowsiness, Impaired Coordination.

**Eye Contact:** Liquid or Vapor can cause eye irritation.

**Skin Contact:** Solvent action can dry and defat the skin causing the skin to crack leading to dermatitis.

**Ingestion:** If swallowed, do not induce vomiting. Seek immediate medical advice and/or attention.

**Health Hazards: (Acute and Chronic)**

Acute: Eye Irritant. Skin Irritant. Chronic: Unknown.

**HEALTH EFFECTS FROM OVEREXPOSURE: None Known.**

**Primary Routes of Exposure:** Eye and Skin.

## SECTION 4: FIRST AID MEASURES

**Inhalation:** Remove to fresh air. Administer oxygen if needed. Apply artificial respiration if breathing has stopped. Get medical attention.

**Eye Contact:** Immediately flush eyes with a large amount of water for at least 15 minutes. Get medical attention.

**Skin Contact:** Wipe off with towel. Wash with soap and water. If skin irritation persists, get medical attention.

**SECTION 5: FIRE FIGHTING MEASURES**

**Unusual Hazards:** Closed containers may explode from internal pressure build-up when exposed to extreme heat and discharge contents. Liquid content of container will not support combustion. Overexposure to decomposition products may cause a health hazard. Symptoms may not be readily apparent. Obtain medical attention

**Extinguishing Agents:** N/A

**Personal Protective Equipment:** Wear self-contained breathing apparatus and full protective gear.

**Special Precautions:** Water spray may be ineffective. Water may be used to cool containers to prevent pressure build-up and explosion when exposed to extreme heat. If water is used, fog nozzles preferred, wear goggles and self contained breathing apparatus.

**FIRE AND EXPLOSIVE PROPERTIES:**

PROPERTY	PACKAGED PRODUCT	LIQUID PORTION OF PRODUCT
Flash Point (°C); [°F]:	Non-Flammable at STP	Non-Flammable at STP
Auto-Ignition Temperature (°C):		
Lower Explosive Limit (ppm):	Non-Flammable at STP	Non-Flammable at STP
Upper Explosive Limit (ppm):	Non-Flammable at STP	Non-Flammable at STP

**SECTION 6: ACCIDENTAL SPILL OR LEAK RELEASE INFORMATION**

**Personal Protection:** Appropriate protective equipment must be worn when handling a large spill of this material. See the PERSONAL PROTECTION MEASURES Section for recommendations. If exposed to material during clean-up operations, see the FIRST AID PROCEDURES Section for actions to follow.

**Procedures:** Evacuate the spill area. Floor may be slippery if non-volatile components in product have wetted the floor; use care to avoid falling. Ventilate the spill area. Avoid breathing vapor. Contain non-volatile material spills immediately with inert adsorption materials. Transfer liquids and solids absorption materials to separate suitable containers for recovery or disposal.

**CAUTION:** Keep spills and cleaning runoff out of municipal sewers and open bodies of water.

**SECTION 7: HANDLING AND STORAGE**

**Storage Conditions:** Store and use in cool, dry, well-ventilated areas. The maximum storage temperature is 49° C/ 120° F.

**Handling Procedures:** Do not puncture or incinerate (burn) cans. Do not stick pin, nail or any other sharp object into opening on top of can. Do not spray in eyes. Do not take internally. See product label for additional information.

**SECTION 8: EXPOSURE CONTROLS AND PERSONAL PROTECTION**

**Respiratory Protection:** None under normal use. Avoid breathing vapors. In restricted areas, use approved chemical/mechanical filters designed to remove a combination of particles and vapor. In confined areas, use approved air line type respirator or hood. Self contained breathing apparatus is required for vapor concentrations above PEL/TLV limits.

Up to 10 times the TWA/TLV: Wear a half-mask, air purifying respirator.

Up to 1000 ppm organic vapor: Wear an approved full-face piece, air-purifying respirator.

Above 1000 ppm organic vapor or unknown: Wear an approved positive pressure mode, or an approved full-face piece airline respirator in the positive pressure mode with emergency escape provisions.

Air purifying respirators should be equipped with organic vapor cartridges.

**Eye Protection:** None under normal use; However, use of safety glasses with splash guards or full face shield is recommended.

**Hand Protection:** None under normal use. Solvent resistant required for prolonged or repeated contact.

Gloves should be removed and replaced immediately if there is any indication of degradation or chemical breakthrough.

**Other Protection:** Use a solvent resistant apron or other impervious clothing to avoid prolonged or repeated skin contact.

**FACILITY CONTROL MEASURES:**

**Ventilation:** Sufficient to prevent inhalations of solvent vapors. General dilution and/or local exhaust ventilation in volume or pattern to keep PEL/TLV of most hazardous ingredient below acceptable limit and LEL below stated limit.

**Other Protective Equipment:** Facilities storing and utilizing this material should be equipped with an eyewash facility and a safety shower.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**TYPICAL PHYSICAL PROPERTIES:**

**PROPERTY**

Appearance:	Product in Aerosol Container
Color:	Clear
State:	Liquid under Gas Pressure
Odor Characteristics:	Mild Detergent
Viscosity (CP @ 20° C); [CP @ 68° F]:	N/A
Specific Gravity (d/do 4°C):	1
Density (gr/cm <sup>3</sup> ); [lb/gal]	N/A
Vapor Density (Air = 1.0):	Unknown

Vapor Pressure (mm Hg @ 20° C); [psia]:	68; [1.31]
Melting Point (°C); [°F]:	N/A
Boiling Point (°C); [°F]:	100; [212]
Solubility in Water (by Weight)	100%
Evaporation Rate (n-butyl acetate = 1.0):	Unknown
pH (product or water extract)	Unknown

**SECTION 10: STABILITY AND REACTIVITY**

**Stability:** Stable

Avoid application to hot surfaces. Avoid exposure to open flames or storage above 120 °F.

**Hazardous Decomposition Products:** May produce fumes when heated to decomposition. Fumes may contain Carbon Monoxide.

**Hazardous Polymerization:** Product will not undergo polymerization.

**Incompatibility:** Materials to avoid: Oxidizing Agents.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Long term Toxicological studies have not been conducted for this product.

**SECTION 12: ECOLOGICAL INFORMATION**

Long term Toxicological studies have not been conducted for this product.

**SECTION 13: DISPOSAL INFORMATION**

**WASTE DISPOSAL:** For disposal, dispose this material at a facility that complies with local, state, and federal regulations.

**SECTION 14: TRANSPORTATION INFORMATION**

**DOT Hazard Description:**

**Proper Shipping Name:** CONSUMER COMMODITY

**Hazard Class:** ORM-D

**Identification Number:** NA

**Packing Group:** NA

**Hazardous Substance (RQ):** NA

**Placard/Label:** NA

**IMDG Hazard Description:**

**Proper Shipping Name:** AEROSOLS, NON-FLAMMABLE

**Hazard Class:** 2.2

**Identification Number:** UN 1950

**Packing Group:** NA

**Hazardous Substance (RQ):** NA

**SECTION 15: REGULATORY INFORMATION**

All components of this product are on the TSCA inventory or are exempt.

**SECTION 16: OTHER INFORMATION**

All information, recommendations, and suggestions made by IDQ, Inc. ("Company") appearing herein concerning our product are based upon tests and data believed to be reliable. However, because of the variable characteristics of analytical procedures and samples, and the inability to control its customers' uses of the information and recommendations, or the related products or materials, Company makes **NO WARRANTY, EXPRESS OR IMPLIED** as to the accuracy of the information or recommendations or that such are fit for any general or specific purpose, whatsoever. Company shall have **NO LIABILITY** arising from the use by its customers or any third parties of the information and recommendations, and it shall be each customer's sole responsibility to determine the suitability for its own use of any information or recommendations provided by Company.