MATERIAL SAFETY DATA SHEET

SECTION 1 - PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Metered Aerosols
GENERAL USE: Deodorizing Air Care
UN1950, Aerosols, Flammable,Class 2.1, LTD QTY
Compressed, gas

Manufacturers Name: Nilodor Inc.	DATE PREPARED: 14 July, 2016 SUPERSEDES:	Page 1 of 4
10966 Industrial Parkway	1-330-874-1017	
Bolivar, OH 44612 USA	CHEMTEL EMERGENCY TELEPHONE NUMBER North America: 1-800-255-3924 International: +01-813-248-0585	
DISTRIBUTOR'S NAME: ESG ASIA PACIFIC		
ADDRESS (NUMBER, STREET, P.O. BOX) 61 Seaview Road	TELEPHONE NUMBER FOR INFORMATION PH +64-4-568-4126	
Lower Hutt 5040 New Zealand	DISTRIBUTOR EMERGENCY TELEPHONE NUMBER PH +64-21-657-804	

SECTION 2 - HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW
HH223 Flammable Aerosol
H280 Contains gas under pressure may explode if heated
H336 May cuase drowsiness or dizziness
Hazardous Substance / Dangerous Good. Hazardous classification



POTENTIAL HEALTH EFFECTS: May be a mild irritant due to fragrance, no ecological hazards known.

INHALATION: May be a mild irritant if sensitivity to fragrance.

SKIN: Direct and repeated exposure can irritate H315

EYES: Direct exposure can irritate H319

INGESTION: Not expected to be a problem, some mild discomfort

CARCINOGENICITY NO NTP NO IARC MONOGRAPHS NO OSHA REGULATED NO

SECTION 3 - HAZARDS INGREDIENTS

Hazarous Components	% (by Weight)	Cas #	EINECS #
Propane	15-40	74-98-6	200-827-9
Butane	5-10	106-97-8	203-448-7
Trade Secret Fragrance Mixture	1-5	None	Not Listed
2-Propanone	15-40	67-64-1	

Notes: Product is classified as ORMD Consumer Commodity for GROUND
Air / Ocean: UN1950, Aerosols, Flammable, Class 2.1, LTD QTY

SECTION 4 - FIRST AID MEASURES

Use good personal hygiene practices. If skin contact should occur, material should be washed away with a mild soap and water. Wash hands and other exposed areas thoroughly before eating, drinking, smoking or using toilet facilities. Do not smoke, drink or eat in areas where this product is stored or handled. For extensive scale or contamination removal, the following precautions should be taken: the work area shouldbe well-ventilated and access should be restricted, surface contaminants should be kept wet, plastic ground cover should be used to contain contaminants and facilitate clean-up, and high efficiency particulate respirators should be worn unless concentrations are not expected to exceed limits established. Suitable coveralls and gloves should be worn and contaminated protective equipment and clothing should be decontaminated or disposed of.

INHALATION: Remove to fresh air P304, P340

EYES: Flush eyes with copious amounts of water, holding lids open, if irritation persists, consult a physician. P305,

P313, P337, P338, P351

SKIN: Wash with soap and water P302, P352, P313

INGESTION: Give water / milk to drink if conscious. P270, P330

SECTION 5 - FIRE FIGHTING MEASURES

GENERAL HAZARDS: None Known

EXTINGUISHING MEDIA: Water, foam, carbon dioxide, dry chemical

FIRE FIGHTING PROCEDURES: As for surrounding fire

UNUSUAL FIRE AND EXPLOSION HAZARDS: None Known

HAZARDOUS COMBUSTION PRODUCTS: Oxides of carbon, nitrogen, and sulfur

SECTION 6 - ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Keep away from skin and eyes, keep out of surface waters, gather up scattered cans after any discharging, and dispose.

SECTION 7 - HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Take reasonable care, do not puncture cans, keep away from skin, eyes, food, and beverages. Wash hands after use. Keep containers closed and stored at ambient conditions (5-50 C / 40-120 F) P251,P270, P264, P261, P410, P403.

SECTION 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

HAZARDOUS COMPONENTS	NIOSH							
	TWA ppm	TWA mg/m3		STEL mg/m3				
Propane	TLV1000		Asphyxiant					
Butane	1000		Asphyxiant					
Acetone	500		5800mg/kg					
2-2Ethoxyethoxy Ethanol	NONE		6500mg/kg					

PERSONAL PROTECTION:
RESPIRATORY PROTECTION: Not normally necessary
PROTECTIVE GLOVES: Rubber or protective gloves if handling in large quantities P280
EYE PROTECTION: Goggles if handling in large quantities P280
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Not required
WORK / HYGIENIC PRACTICES: Keep out of food and beverages P270

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR Liquid /compressed gas in steel can, odor dependent on description	VAPOR PRESSURE As Water
pH Not Applicable	SPECIFIC GRAVITY (WATER = 1) Not Applicable
BOILING POINT / BOILING RANGE Not Applicable	SOLUBILITY IN WATER Partially Soluble
FLASH POINT Concentrate 0 F. Flammable can.	VISCOSITY As Water
FLAMMABLE LIMITS Not Determined LEL: UEL:	VAPOR DENSITY (AIR = 1) Not Determined
AUTOIGNITION TEMPERATURE Not Determined	EVAPORATION RATE (WATER = 1) As Water

SECTION 10 - STABILITY AND REACTIVITY

STABILITY X UNSTABLE:	CONDITIONS TO AVOID: None Known
INCOMPATIBILITY (MATERIALS TO AVOID): None Known, avoid temperatures > 55C and open flame.	
HAZARDOUS DECOMPOSITION OR BYPRODUCTS: None Known	
HAZARDOUS POLYMERIZATION MAY OCCUR: NO	CONDITIONS TO AVOID: None Known

SECTION 11 - TOXICOLOGICAL INFORMATION

Hazardous Components	CAS # EINECS #	LD50 of Ingredient (Specify Species and Route)	LC50 of Ingredient (Specify Species)
Propane	74-98-6	Asphyxiant	
Butane	106-97-8	Asphyxiant	
Acetone	67-64-1	5800mg/kg	
2-2-Ethoxyethoxy Ethanol	11-90-0	6500mg/kg	

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity- None Known, Degradability- Biodegradable, Bioaccumulation- None Known, Mobility in Environment- Not determined

SECTION 13 - DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose according to Federal, State, or Local Regulations, P501

SECTION 14 - TRANSPORT INFORMATION

PROPER SHIPPING NAME:Consumer Commodity ORMD

DOT CLASS / Pack Group: ORMD	IATA HAZARD CLASS / Pack Group: No Packing Group
REFERENCE: 49 CFR	IMDG HAZARD CLASS: 2.1
UN / NA IDENTIFICATION NUMBER: UN 1950	RID/ADR Dangerous Goods Code: NA
LABEL: Aerosols, Flammable	UN TDG Class / Pack Group: NA
HAZARD SYMBOLS: LTD QTY	Hazard Identification Number (HIN): UN1950

Note: Transportation information provided is for reference only. Client is urged to consult CFR 49 parts 100 - 177, IMDG, IATA, EU, United Nations TDG, and WHMIS (Canada) TDG information manuals for detailed regulations and exceptions covering specific container sizes, packaging materials and methods of shipping.

SECTION 15 - REGULATORY INFORMATION

TSCA (USA - Toxic Substance Control Act) INCLUDED
SARA TITLE III (USA - Superfund Amendments and Reauthorization Act) NO REPORTABLES
California Prop 65, Safe Drinking Water and Toxic Enforcement Act of 1986 NO SUBSTANCES PRESENT
DSL / NDSL (Canadian Domestic Substances List / Non-Domestic Substances List) INCLUDED
EINECS (European Inventory of Existing Commercial Chemical Substances) NA

WGK Water Quality Index: NA

SECTION 16 - OTHER INFORMATION

Ths substance has no schedule number alloted due to NO Poisons

HMIS HAZARD RATINGS	HEALTH:	1	0 = INSIGNIFICANT
	FLAMMABILITY:	4	1 = SLIGHT
	PHYSICAL HAZARD:	0	2 = MODERATE
	PERSONAL PROTECTIVE EQUIPMENT:	N	3 = HIGH
			4 = EXTREME

REVISION SUMMARY:

MSDS Prepared by: KAB (Nilodor Technical)

The information contained herein is believed to be accurate but is not warranted to be so. Data and calculations are based on information furnished by the manufacturer of the product and manufacturers of the components of the product. Users are advised to confirm in advance of need that information is current, applicable and suited to the circumstances of use. Vendor assumes no responsibility for injury to vendee or third persons proximately caused by the material if reasonable safety procedures are not adhered to as stipulated in the data sheet. Furthermore, vendor assumes no responsibility for injury caused by abnormal use of this material even if reasonable safety procedures are followed. Any questions regarding this product should be directed to the manufacturer of the product as described in Section 1.