

MATERIAL SAFETY DATA SHEET

	1. Product and Company Identification	
Product name	Pan-Spray (White) 4296-50	
CAS #	Mixture	
Product Use	Coating	
Manufacturer	Nu-Calgon 2008 Altom Court St. Louis, MO 63146 US Phone: 314-469-7000 / 800-554-5499 Emergency Phone: 1-800-424-9300 (CHEMTREC)	
	2. Hazards Identification	
Emergency overview	DANGER	
	Extremely flammable. Contents under pressure. Containers may explode when heated. May cause chronic toxic effects. MAY CAUSE EYE AND SKIN IRRITATION.	
Potential short term health effec	ts	
Routes of exposure	Eye, Skin contact, Inhalation, Ingestion.	
Eyes	May cause irritation.	
Skin	May cause irritation.	
Inhalation	Excessive intentional inhalation may cause respiratory tract irritation and central nervous system effects (headache, dizziness).	
Ingestion	May cause stomach distress, nausea or vomiting.	
Target organs	Eyes. Kidney. Liver. Respiratory system. Skin.	
Chronic effects	Prolonged or repeated exposure can cause drying, defatting and dermatitis.	
Signs and symptoms	Symptoms may include redness, oedema, drying, defatting and cracking of the skin. Symptoms o overexposure may be headache, dizziness, tiredness, nausea and vomiting.	
Potential environmental effects	Components of this product have been identified as having potential environmental concerns.	

3. Composition/Information on Ingredients

Components	CAS #	Percent
Heptane	142-82-5	10 - 30
Methane, oxybis-	115-10-6	10 - 30
Toluene	108-88-3	10 - 30
Propane	74-98-6	7 - 13
Acetone	67-64-1	5 - 10
Titanium oxide	13463-67-7	5 - 10
Isobutane	75-28-5	3 - 7
2-Propanol, 1-methoxy-, acetate	108-65-6	1 - 5
Distillates, petroleum, steam-cracked, polymers with light steam-cracked petroleum naphtha	68410-16-2	1 - 5
Quaternary ammonium compounds, bis(hydrogenated tallow alkyl)dimethyl, salts with montmorillonite	68911-87-5	1 - 5
Methyl isobutyl ketone	108-10-1	0.1 - 1

4. First Aid Measures

First aid procedures

Eye contact

Immediately flush with cool water. Remove contact lenses, if applicable, and continue flushing for 15 minutes. Obtain medical attention immediately.

Skin contact	Flush with cool water. Wash with soap and water. Obtain medical attention if irritation persists.	
Inhalation	If symptoms develop, move victim to fresh air. If symptoms persist, obtain medical attention. If breathing has stopped, trained personnel should administer CPR immediately.	
Ingestion	Do not induce vomiting. Never give a Obtain medical attention.	nything by mouth if victim is unconscious, or is convulsing.
Notes to physician	Symptoms may be delayed.	
General advice	Do not puncture or incinerate container. Keep away from sources of ignition. No smoking. If yo feel unwell, seek medical advice (show the label where possible). Ensure that medical personn are aware of the material(s) involved, and take precautions to protect themselves. Show this sa data sheet to the doctor in attendance. Avoid contact with eyes and skin. Keep out of reach of children.	
	5. Fire Fighting M	easures
Flammable properties	Flammable by WHMIS criteria. Conta	iners may explode when heated.
Extinguishing media		
Suitable extinguishing media	Carbon dioxide. Dry chemical. Foam.	
Unsuitable extinguishing media	Water.	
Protection of firefighters		
Specific hazards arising from the chemical	Contents under pressure. Pressurise containers with flooding quantities of contained breathing apparatus.	d container may explode when exposed to heat or flame. Coo water until well after fire is out. Firefighters should wear a self
Protective equipment for firefighters	Firefighters should wear full protective	e clothing including self contained breathing apparatus.
Hazardous combustion products	May include and are not limited to: O	xides of carbon.
Explosion data		
Sensitivity to mechanical impact	Not available.	
Sensitivity to static discharge	Not available.	
	6. Accidental Releas	e Measures
Personal precautions	Keep unnecessary personnel away. I damaged containers or spilled materi people away from and upwind of spill	Do not touch or walk through spilled material. Do not touch al unless wearing appropriate protective clothing. Keep /leak.
Environmental precautions		safe to do so. Do not contaminate water.
Methods for containment	Eliminate all ignition sources (no smoking, flares, sparks, or flames in immediate area). Stop lea you can do so without risk. Prevent entry into waterways, sewers, basements or confined areas	
	,	ntry into waterways, sewers, basements or confined areas.
Methods for cleaning up	Before attempting clean up, refer to h Although the chance of a significant s	ntry into waterways, sewers, basements or confined areas. azard data given above. Remove sources of ignition. pill or leak is unlikely in aerosol containers, in the event of aterial with a non-flammable absorbent such as sand or
Methods for cleaning up	Before attempting clean up, refer to h Although the chance of a significant s such an occurrence, absorb spilled m	azard data given above. Remove sources of ignition. pill or leak is unlikely in aerosol containers, in the event of aterial with a non-flammable absorbent such as sand or
	Before attempting clean up, refer to h Although the chance of a significant s such an occurrence, absorb spilled m vermiculite. 7. Handling and s Use good industrial hygiene practices When using do not eat or drink.	azard data given above. Remove sources of ignition. pill or leak is unlikely in aerosol containers, in the event of aterial with a non-flammable absorbent such as sand or Storage
Handling	Before attempting clean up, refer to h Although the chance of a significant s such an occurrence, absorb spilled m vermiculite. 7. Handling and s Use good industrial hygiene practices When using do not eat or drink. Wash hands before breaks and imme Keep out of reach of children. Do not store at temperatures above 4	azard data given above. Remove sources of ignition. pill or leak is unlikely in aerosol containers, in the event of aterial with a non-flammable absorbent such as sand or Storage in handling this material. diately after handling the product. 9°C (120.2°F).
Handling	Before attempting clean up, refer to h Although the chance of a significant s such an occurrence, absorb spilled m vermiculite. 7. Handling and s Use good industrial hygiene practices When using do not eat or drink. Wash hands before breaks and imme Keep out of reach of children. Do not store at temperatures above 4 Keep away from heat, open flames or	azard data given above. Remove sources of ignition. pill or leak is unlikely in aerosol containers, in the event of aterial with a non-flammable absorbent such as sand or Storage in handling this material. ediately after handling the product. 9°C (120.2°F). r other sources of ignition.
Handling Storage	Before attempting clean up, refer to h Although the chance of a significant s such an occurrence, absorb spilled m vermiculite. 7. Handling and s Use good industrial hygiene practices When using do not eat or drink. Wash hands before breaks and imme Keep out of reach of children. Do not store at temperatures above 4	azard data given above. Remove sources of ignition. pill or leak is unlikely in aerosol containers, in the event of aterial with a non-flammable absorbent such as sand or Storage in handling this material. ediately after handling the product. 9°C (120.2°F). r other sources of ignition.
Handling Storage Occupational exposure limits ACGIH Biological Exposure	Before attempting clean up, refer to h Although the chance of a significant s such an occurrence, absorb spilled m vermiculite. 7. Handling and s Use good industrial hygiene practices When using do not eat or drink. Wash hands before breaks and imme Keep out of reach of children. Do not store at temperatures above 4 Keep away from heat, open flames or 8. Exposure Controls/Pers	azard data given above. Remove sources of ignition. pill or leak is unlikely in aerosol containers, in the event of aterial with a non-flammable absorbent such as sand or Storage in handling this material. ediately after handling the product. 9°C (120.2°F). other sources of ignition. sonal Protection
Methods for cleaning up Handling Storage Occupational exposure limits ACGIH Biological Exposure Components Acetone (CAS 67-64-1)	Before attempting clean up, refer to h Although the chance of a significant s such an occurrence, absorb spilled m vermiculite. 7. Handling and s Use good industrial hygiene practices When using do not eat or drink. Wash hands before breaks and imme Keep out of reach of children. Do not store at temperatures above 4 Keep away from heat, open flames or 8. Exposure Controls/Pers	azard data given above. Remove sources of ignition. pill or leak is unlikely in aerosol containers, in the event of aterial with a non-flammable absorbent such as sand or Storage in handling this material. ediately after handling the product. 9°C (120.2°F). r other sources of ignition.

ACGIH Biological Exposure Indices Components Туре Value Methyl isobutyl ketone (CAS BEI 1 mg/l 108-10-1) Toluene (CAS 108-88-3) BEI 0.3 mg/g 0.03 mg/l 0.02 mg/l US. ACGIH Threshold Limit Values Components Type Value Acetone (CAS 67-64-1) STEL 750 ppm TWA 500 ppm Heptane (CAS 142-82-5) STEL 500 ppm TWA 400 ppm Isobutane (CAS 75-28-5) STEL 1000 ppm Methyl isobutyl ketone (CAS STEL 75 ppm 108-10-1) TWA 20 ppm Titanium oxide (CAS TWA 10 mg/m3 13463-67-7) Toluene (CAS 108-88-3) TWA 20 ppm Chemicals listed in section 3 that are not listed here do not have established limit values for **Exposure limits** ACGIH. **Engineering controls** General ventilation normally adequate. Personal protective equipment Eye/Face protection Wear safety glasses with side shields. Hand protection Rubber gloves. Confirm with a reputable supplier first. Skin and body protection As required by employer code. **Respiratory protection** Where exposure guideline levels may be exceeded, use an approved NIOSH respirator. General hygiene Handle in accordance with good industrial hygiene and safety practices. considerations When using do not eat or drink. Washing with soap and water after use is recommended as good hygienic practice to prevent possible eye irritation from hand contact.

9. Physical and Chemical Properties

Appearance	Aerosol
Colour	White.
Form	Aerosol.
Odour	Solvent
Odour threshold	Not available.
Physical state	Gas.
DH	Not available.
reezing point	Not available.
Boiling point	Not available.
Pour point	Not available.
vaporation rate	> 1 (BuAc=1)
lash point	Not available.
Auto-ignition temperature	246 - 480 °C (474.8 - 896 °F)
lammability Limits in Air, Jpper, % by Volume	Not available.

Flammability Limits in Air, Lower, % by Volume	> 1		
Heat of combustion	Not available.		
Vapour pressure	55 - 65 psig @ 20°C		
Vapour density	>= 1		
Specific gravity	0.77 - 0.81		
Partition coefficient (n-octanol/water)	Not available.		
Solubility (Water)	Negligible		
Relative density	Not available.		
Viscosity	Not available.		
VOC	Not available.		
Percent volatile	Not available.		
	10. Stability ar	nd Reactivity	
Reactivity	This product may react with stror	ng oxidising agents.	
Possibility of hazardous reactions	Hazardous polymerisation does	not occur.	
Chemical stability	Stable under recommended store		
Conditions to avoid	cnemicais.	at temperatures above 49°C (120.2°F). Do not mix with other	
Incompatible materials	Oxidizers.		
Hazardous decomposition products	May include and are not limited to	o: Oxides of carbon.	
	11. Toxicologica	al Information	
Toxicological data	11. Toxicologica	al Information	
121 Contract of the state of the second s			
Components	Species	al Information Test results	
Components	Species		
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal	Species (CAS 108-65-6)		
Components 2-Propanol, 1-methoxy-, acetate Acute	Species		
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral	Species (CAS 108-65-6) Rabbit	Test results	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50	Species (CAS 108-65-6)	Test results	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50	Species (CAS 108-65-6) Rabbit	Test results > 5000 mg/kg	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available.	Species (CAS 108-65-6) Rabbit	Test results > 5000 mg/kg	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1)	Species (CAS 108-65-6) Rabbit	Test results > 5000 mg/kg	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute	Species (CAS 108-65-6) Rabbit	Test results > 5000 mg/kg	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal	Species (CAS 108-65-6) Rabbit Rat	Test results > 5000 mg/kg 8532 mg/kg	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute	Species (CAS 108-65-6) Rabbit	Test results > 5000 mg/kg 8532 mg/kg 15800 mg/kg	
Components 2-Propanol, 1-methoxy-, acetate Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal LD50	Species (CAS 108-65-6) Rabbit Rat	Test results > 5000 mg/kg 8532 mg/kg	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal LD50 Inhalation	Species (CAS 108-65-6) Rabbit Rat	Test results > 5000 mg/kg 8532 mg/kg 15800 mg/kg 20 ml/kg	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal LD50	Species (CAS 108-65-6) Rabbit Rat Rat Mouse	Test results > 5000 mg/kg 8532 mg/kg 15800 mg/kg 20 ml/kg 44000 mg/m3/4H	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal LD50 Inhalation	Species (CAS 108-65-6) Rabbit Rat	Test results > 5000 mg/kg 8532 mg/kg 15800 mg/kg 20 ml/kg	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal LD50 Inhalation	Species (CAS 108-65-6) Rabbit Rat Rat Mouse	Test results > 5000 mg/kg 8532 mg/kg 15800 mg/kg 20 ml/kg 44000 mg/m3/4H	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal LD50 Inhalation	Species (CAS 108-65-6) Rabbit Rat Rat Mouse	Test results > 5000 mg/kg 8532 mg/kg 15800 mg/kg 20 ml/kg 44000 mg/m3/4H 76 mg/l, 4 Hours	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal LD50 Inhalation LC50 Oral	Species (CAS 108-65-6) Rabbit Rat Rat Mouse	Test results > 5000 mg/kg 8532 mg/kg 15800 mg/kg 20 ml/kg 44000 mg/m3/4H 76 mg/l, 4 Hours 50.1 mg/l, 8 Hours	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal LD50 Inhalation LC50	Species (CAS 108-65-6) Rabbit Rat Rat Mouse	Test results > 5000 mg/kg 8532 mg/kg 15800 mg/kg 20 ml/kg 44000 mg/m3/4H 76 mg/l, 4 Hours 50.1 mg/l, 8 Hours	
Components 2-Propanol, 1-methoxy-, acetate Acute Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal LD50 Inhalation LC50 Oral	Species (CAS 108-65-6) Rabbit Rat Rat Mouse Rat	Test results > 5000 mg/kg 8532 mg/kg 15800 mg/kg 20 ml/kg 44000 mg/m3/4H 76 mg/l, 4 Hours 50.1 mg/l, 8 Hours 39 mg/l/4h	
Dermal LD50 Oral LD50 LC50 Not available. Acetone (CAS 67-64-1) Acute Dermal LD50 Inhalation LC50 Oral	Species (CAS 108-65-6) Rabbit Rat Rabbit Mouse Rat Human	Test results > 5000 mg/kg 8532 mg/kg 15800 mg/kg 20 ml/kg 44000 mg/m3/4H 76 mg/l, 4 Hours 50.1 mg/l, 8 Hours 39 mg/l/4h 2857 mg/kg	

Components	Species	Test results
Distillates, petroleum, steam LC50	-cracked, polymers with light steam-crac	ked petroleum naphtha (CAS 68410-16-2)
Not available.		
LD50		
Not available.		
Heptane (CAS 142-82-5)		
Acute		
Inhalation		
LC50	Rat	103 mg/l, 4 Hours
LD50	Mouse	75 mg/l, 2 Hours
Oral		
LD50	Rat	15000 mg/kg
sobutane (CAS 75-28-5)		
Acute		
Inhalation		
LC50	Rat	658 mg/l/4h
LD50		
Not available.		
Aethane, oxybis- (CAS 115-	10-6)	
Acute		
Inhalation LC50	M	
LU30	Mouse	494.4 mg/l, 15 Minutes
		385.9 mg/l, 30 Minutes
	Rat	308.5 mg/l, 4 Hours
LD50		
Not available.		
Aethyl isobutyl ketone (CAS	108-10-1)	
Acute		
Dermal		
LD50	Rabbit	16000 mg/kg
Inhalation		
LC50	Rat	8.2 mg/l/4h
Oral LD50	Maure	
LD50	Mouse	1200 mg/kg
	Rat	2080 mg/kg
ropane (CAS 74-98-6)		
Acute		
Inhalation LC50	Det	
	Rat	> 1442.8 mg/l, 15 Minutes
LD50		
Not available.		
uaternary ammonium comp	ounds, bis(hydrogenated tallow alkyl)din	nethyl, salts with montmorillonite (CAS 68911-87-5)
LC50		
Not available.		
LD50		
Not available.		

Components	Species	Test results
Titanium oxide (CAS 13463-	-67-7)	
Acute		
Oral LD50	Bet	
And a second	Rat	24000 mg/kg
LC50 Not available.		
Toluene (CAS 108-88-3) Acute		
Dermal		
LD50	Rabbit	10105 maller
	(d)bit	12125 mg/kg
		8390 mg/kg
		14.1 ml/kg
Inhalation LC50	Maura	
	Mouse	7100 mg/l, 4 Hours
		5320 mg/l, 8 Hours
		400 mg/l, 24 Hours
P	Rat	26700 mg/l, 1 Hours
		12200 mg/l, 2 Hours
		8000 mg/l, 4 Hours
		12.5 mg/l/4h
Oral		
LD50	Rat	636 mg/kg
Effects of acute exposure		
Eye contact	May cause irritation.	
Skin contact	May cause irritation.	
Inhalation	Excessive intentional i effects (headache, diz	nhalation may cause respiratory tract irritation and central nervous system ziness).
Ingestion	May cause stomach d	stress, nausea or vomiting.
Sensitisation	Non-hazardous by WH	
Chronic effects	Non-hazardous by WH	
Carcinogenicity	High concentrations of	pigment-grade (powdered) and ultrafine titanium dioxide (titanium oxide) iratory tract cancer in rats exposed by inhalation and intratracheal
ACGIH Carcinogens		
Acetone (CAS 67-64 Methyl isobutyl keto		A4 Not classifiable as a human carcinogen. A3 Confirmed animal carcinogen with unknown relevance to
Titanium oxide (CAS Toluene (CAS 108-8	5 13463-67-7)	humans. A4 Not classifiable as a human carcinogen.
	erall Evaluation of Carcinog	A4 Not classifiable as a human carcinogen.
Methyl isobutyl ketor		Volume 101 - 2B Possibly carcinogenic to humans.
Titanium oxide (CAS Toluene (CAS 108-8	6 13463-67-7)	Volume 47, Volume 93 - 28 Possibly carcinogenic to humans. Volume 47, Volume 71 - 3 Not classifiable as to carcinogenicity t humans.
Mutagenicity	Non-hazardous by WH	
Reproductive effects	Non-hazardous by WH	
Feratogenicity	(effects on learning an	thyl-) has caused fetotoxicity (reduced fetal weight), behavioural effects d memory) and hearing loss (in males). These effects have been observed exposed by inhalation to 1200 or 1800 ppm toluene. These effects were be of maternal toxicity.

		12. Ecological Information	
Ecotoxicity	Components	of this product have been identified as havi	ng potential environmental concerns
Ecotoxicological data			
Components		Species	Test results
2-Propanol, 1-methoxy-, acetate	(CAS 108-65-6)		
Crustacea	EC50	Daphnia	500 mg/L, 48 Hours
Acetone (CAS 67-64-1)			
Crustacea	EC50	Daphnia	13999 mg/L, 48 Hours
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	21.6 - 23.9 mg/l, 48 hours
Fish	LC50	Rainbow trout,donaldson trout (Oncorhynchus mykiss)	4740 - 6330 mg/l, 96 hours
Heptane (CAS 142-82-5)		· · · ·	
Aquatic			
Fish	LC50	Mozambique tilapia (Tilapia mossambica)	375 mg/l, 96 hours
Methyl isobutyl ketone (CAS 108	3-10-1)		
Crustacea	EC50	Daphnia	170 mg/L, 48 Hours
Aquatic			
Fish	LC50	Fathead minnow (Pimephales promelas)	492 - 593 mg/ 96 hours
Titanium oxide (CAS 13463-67-7	7)		452 - 555 mg/l, 30 hours
Aquatic	,		
Crustacea	EC50	Water flea (Daphnia magna)	> 1000 mg/l, 48 hours
Fish	LC50		
Toluene (CAS 108-88-3)	LCOU	Mummichog (Fundulus heteroclitus)	> 1000 mg/l, 96 hours
Algae	1050	Alega	
	IC50	Algae	433 mg/L, 72 Hours
Crustacea	EC50	Daphnia	7.645 mg/L, 48 Hours
Aquatic			
Crustacea	EC50	Water flea (Daphnia magna)	5.46 - 9.83 mg/l, 48 hours
· Fish	LC50	Coho salmon,silver salmon (Oncorhynchus kisutch)	8.11 mg/l, 96 hours
Persistence and degradability	Not available.		
Bioaccumulation/accumulation	Not available.		
Mobility in environmental nedia	Not available.		
invironmental effects	Not available.		
Aquatic toxicity	Not available.		
Partition coefficient			
Acetone		-0.24	
Heptane		4.66	
Isobutane Methano, ovubio		2.76	
Methane, oxybis- Methyl isobutyl ketone		0.1	
Propane		1.31 2.36	
Toluene		2.73	
chemical fate information	Not available.		
		13. Disposal C	

Disposal instructions

Dispose in accordance with all applicable regulations.

Waste from residues / unused Not available products Contaminated packaging

Not available

14. Transport Information

Transportation of Dangerous Goods (TDG - Canada) Limited quantity

TDG



	15. Regul	atory Information
Canadian federal regulations	This product has been clas Regulations and the MSDS Regulations.	ssified in accordance with the hazard criteria of the Controlled Products S contains all the information required by the Controlled Products
Canada DSL Challenge Sul	ostances: Listed substance	
Isobutane (CAS 75-28-5)	Listed. ments: Mass reporting threshold/Identification Number
2-Propanol, 1-methoxy-, Heptane (CAS 142-82-5 Isobutane (CAS 75-28-5 Methane, oxybis- (CAS Methyl isobutyl ketone (C Propane (CAS 74-98-6) Toluene (CAS 108-88-3) Canada WHMIS Ingredient	acetate (CAS 108-65-6)) 15-10-6) CAS 108-10-1)	1 tonnes 1 tonnes 1 tonnes 1 tonnes 1 tonnes 1 tonnes 1 tonnes
Acetone (CAS 67-64-1) Heptane (CAS 142-82-5) Methyl isobutyl ketone (C Toluene (CAS 108-88-3)	CAS 108-10-1)	1 % 1 % 1 %
WHMIS status	Controlled	
WHMIS Classification WHMIS labeling	Class A - Compressed Gas	s, Class B - Division 5; Flammable Aerosol, Class D - Division 2A, 2B
nventory status		

Country(s) or region	Inventory Name	On Inventory (Yes/No)*
Canada	Domestic Substances List (DSL)	Yes
Canada	Non-Domestic Substances List (NDSL)	No
*A "Yes" indicates that all con	nponents of this product comply with the inventory requirements adminis	stered by the governing country(s)

16. Other Information

LEGEND		
Severe	4	
Serious	3	
Moderate	2	
Slight	1	
Minimal	0	

Disclaimer

Issue date Effective date Expiry Date Prepared by Other information



Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirements of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document. 16-January-2014

15-February-2014

15-February-2017

Nu-Calgon Technical Service Phone: (314) 469-7000

For an updated MSDS, please contact the supplier/manufacturer listed on the first page of the document.

This MSDS conforms to the ANSI Z400.1/Z129.1-2010 Standard.