

Blast

MSDS Number: A30G

Revision Date: 8/7/2014

Page 1 of 6

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

Wechem, Inc
5734 Susitna Dr
Harahan, LA 70123

Contact: Ligia M. Hernandez
Phone: 504-733-1152
Fax: 504-733-2218
Web: www.wechem.com

Product Name: Blast
Revision Date: 8/7/2014
MSDS Number: A30G
Product Code: A30
Product Use: Electronics Duster

Emergency Telephone Number:
INFOTRAC
1-800-535-5053

2 HAZARDS IDENTIFICATION

Route of Entry: Emergency overview: Aerosol: Contents under pressure.
Prolonged exposure may cause chronic effects. Health injuries are not known or expected under normal use.

Target Organs: NA

Inhalation: Intentional misuse by concentrating and inhaling the product can be harmful or fatal.

Skin Contact: Contact with liquefied gas may cause frostbite.

Eye Contact: Contact with liquefied gas may cause frostbite. Health injuries are not known or expected under normal use.

Ingestion: Exposure by ingestion of an aerosol is unlikely.

PERSONAL PROTECTION INDEX																			
A										G									
B										H									
C										I									
D										J									
E										K									
F										X	Consult your supervisor or S.O.P. for "SPECIAL" handling directions								
A		n		o		p		q		r		s							
t		u		w		y		z		Additional Information									

Blast

MSDS Number: A30G

Revision Date: 8/7/2014

Page 2 of 6

GHS Signal Word:
WARNING

GHS Hazard Pictograms:



GHS Classifications:
Physical, Gases Under Pressure, Liquefied Gas
Health, Acute toxicity, 5 Dermal
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Acute toxicity, 5 Oral
Health, Acute toxicity, 5 Inhalation

GHS Phrases:
H280 - Contains gas under pressure; may explode if heated
H313 - May be harmful in contact with skin
H320 - Causes eye irritation
H303 - May be harmful if swallowed
H333 - May be harmful if inhaled

GHS Precautionary Statements:
P102 - Keep out of reach of children.
P235+410 - Keep cool. Protect from sunlight.
P251 - Pressurized container: Do not pierce or burn, even after use.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P301+312 - IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P302+352 - IF ON SKIN: Wash with soap and water.
P304+312 - IF INHALED: Call a POISON CENTER or doctor/physician if you feel unwell.
P304+340 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P305+351+338 - IF IN EYES: Rinse continuously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
P411+235 - Store at temperatures not exceeding 49°C/ 120°F. Keep cool.

3

COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Chemical Name	Perc.	OSHA PEL (ppm)	ACGIH TLV(ppm)	Carcin. Ref.
811-97-2	1,1,1,2- Tetraflouroethane	90-100%	NA	NA	D

Blast

MSDS Number: A30G

Revision Date: 8/7/2014

Page 3 of 6

4

FIRST AID MEASURES

- Inhalation:** Remove to fresh air. Get medical advice/attention if symptoms develop or persist.
- Skin Contact:** In case of contact, immediately flush skin with plenty of water. Get medical advice/attention if symptoms develop or persist.
- Eye Contact:** In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical advice/attention if symptoms develop or persist.
- Ingestion:** Rinse mouth. Get medical advice/attention if symptoms develop or persist.

5

FIRE FIGHTING MEASURES

- Flash Point:** None (Propellant) Estimated
- Burning Rate:** ND
- Autoignition Temp:** ND
- LEL:** ND
- UEL:** ND

Extinguishing media: Water fog, foam, dry chemical powder, Carbon dioxide (CO₂)

Special Fire fighting procedures: Use self-contained breathing apparatus and full protective clothing must be worn in case of fire.

In case of fire: Stop leak if safe to do so. Do not move cargo or vehicle if cargo has been exposed to heat. Move containers from fire area if you can do so without risk. Cool containers exposed to heat with water spray and remove container, if no risk is involved. Containers should be cooled with water to prevent vapor pressure build up. For massive fire in cargo area, use unmanned hose holder or monitor nozzles, if possible. If not, withdraw and let fire burn out.

Unusual Fire & Explosion Hazard: No unusual fire or explosion hazards noted.

6

ACCIDENTAL RELEASE MEASURES

Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Emergency personnel needs self-contained breathing equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate closed spaces before entering them. Local authorities should be advised if significant spillages cannot be contained. See Section 8 of the SDS for Personal Protective Equipment. For personal protection, see section 8 of the SDS.

For Methods and materials for containment and cleaning up, 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. Wipe up with absorbent material (e.g. cloth, fleece). Clean surface thoroughly to remove residual contamination. For waste disposal, see section 13 of the SDS.

Avoid discharge into drains, water courses or onto the ground.

Blast

MSDS Number: A30G

Revision Date: 8/7/2014

Page 4 of 6

7

HANDLING AND STORAGE

Handling Precautions:

Pressurized container. Do not pierce or burn even after use. Do not use if spray button is missing or defective. Do not spray on a naked flame or any other incandescent material. Do not smoke while using or until sprayed surface is thoroughly dry. Do not cut, weld, solder, drill, grind, or expose containers to heat, flame, sparks, or other sources of ignition. Ground and bond containers when transferring material.

Do not re-use empty containers. Avoid prolonged exposure. Use only in well-ventilated areas. Wear appropriate personal equipment. Observe good industrial hygiene practices.

Level 1 aerosol.

Storage Requirements:

Contents under pressure. Do not expose to heat or store at temperatures above 120 F/ 49C as can may burst. Do not puncture, incinerate or crush. Do not store near an open flame, heat or other sources of ignition. Store in a well-ventilated place. Store away from incompatible materials (see Section 10 of SDS). Level 1 aerosol (NFPA 30B)

Avoid exposure to long periods of sunlight. Keep out of reach of children. Level 1 Aerosol (NFPA 30 B)

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:

Ventilation Requirement: Local exhaust to keep TLV below acceptable limits.

Personal Protective Equip:

HMIS PP, B | Goggles, Gloves

Respiratory Protection: None required under normal conditions. If permissible exposure limits are exceeded, use NIOSH mechanical filter/ organic vapor cartridge or an air-supplied respirator.

Protective gloves: Chemical resistant gloves if hand contact will be made.

Eye protection: Safety glasses / chemical proof goggles

Wear suitable protective clothing and appropriate thermal protective clothing , when necessary.

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.

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Compressed gas

Physical State:

Gas

Spec Grav./Density:

1.206 g/cm³ (estimated)

Flammability:

Non-Flammable

Vapor Pressure:

(Can psig @ 70 Deg. F): 75-85 (estimated)

Heat Value:

NA

Flash Point:

None (Propellant) estimated

Vapor Density:

(Air=1): NA

VOC:

1% estimated

Heat of combustion (NFPA 30B): 0.25 Kj/g estimated

Percent volatile: 100% estimated

Blast

MSDS Number: A30G

Revision Date: 8/7/2014

Page 5 of 6

10

STABILITY AND REACTIVITY

Stability:	Stable. No dangerous reaction known under conditions of normal use, storage and transport.
Conditions to Avoid:	Contact with incompatible materials. Fire or intense heat may cause violent rupture of packages.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition:	No hazardous decomposition products known.
Hazardous Polymerization:	Will not occur.

11

TOXICOLOGICAL INFORMATION

Inhalation LC50 8629.8613 mg/l, 4.5 h (Cat) estimated
LC50 4413.4453 mg/l, 6 h (Cat) estimated

LC50 8025.6401 mg/l, 134 min. (Mouse) estimated
LC50 3940.5762 mg/l, 4h (Mouse) estimated
LC50 3839.5356 mg/l, 24h (Mouse) estimated

LC50 12503.751 mg/l, 4h (Rat) estimated
LC50 11710.584 mg/l, 4h (Rat) estimated
LC50 5183.373 mg/l, 6h (Rat) estimated

Estimates for product may be based on additional component data not shown.

This product is not expected to cause skin sensitization

This product is not a respiratory sensitizer.

This product is not expected to cause cancer, reproductive or developmental effects.

12

ECOLOGICAL INFORMATION

This product is not classified as environmentally hazardous. However, this does not exclude the possibility that large spills can have a harmful or damaging effect on the environment.

Partition coefficient n-octanol/water (log Kow):
1,1,1,2- Tetraflouroethane (811-97-2) = 1.274

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

Blast

MSDS Number: A30G

Revision Date: 8/7/2014

Page 6 of 6

13

DISPOSAL CONSIDERATIONS

Contents under pressure. Do not puncture, incinerate or crush. This material must be disposed of in accordance with all local, state, provincial, and federal regulations.

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.

14

TRANSPORT INFORMATION

Proper Shipping Name: Consumer Commodity, ORM-D

15

REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*1,1,1,2- Tetraflouroethane (811972 90-100%) TSCA

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

REGULATORY KEY DESCRIPTIONS

TSCA = Toxic Substances Control Act

US Federal regulations: This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard 29 CFR 1910.1200.

16

OTHER INFORMATION

We believe the statements technical information and recommendations contained herein are reliable, but they are given without warranty or guarantee of any kind. ** Chemical listed as Carcinogen or Potential Carcinogen. [a] NTP [b] IARC Monograph [c] OSHA [d] Not listed [e] Animal data only
N/A = Not available N/D = Not determined