

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

N2O CREAM CHARGERS

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name

KAYSER BERNDORF AG

Emergency Telephone Number

011 43 1 259 7341

Address (Number, Street, City, State and ZIP Code)

LEOBERSDORFER STRASSE 26

Telephone Number for Information

011 43 1 259 7341**A-2560 BERNDORF/ AUSTRIA**

Date Prepared

APRIL 2004

Signature of Preparer (optional)


Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))

NITROUS OXIDE N2O

OSHA PEL

DNA

ACGIH TLV

DNA

Other Limits Recommended

DNA

% (optional)

DNA**ORM-D CONSUMER COMMODITY****NOT CONSIDERED AS HAZMAT FOR SHIPPING****Section III—Physical/Chemical Characteristics**

Boiling Point

AT 1 ATM**- 127 F**Specific Gravity (H₂O = 1)**GAS PHASE STP****0.00185**

Vapor Pressure (mm Hg)

GAS AT STP**DNA**

Melting Point

DNA

Vapor Density (AIR = 1)

PSIG**798**

Evaporation Rate (Butyl Acetate = 1)

DNA

Solubility in Water

AT STP 0.66 V / V

Appearance and Odor

COLORLESS, MILDLY SWEET ODOR & TASTE**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used)

DNA

Flammable Limits

DNA

LEL

UEL

Extinguishing Media

DNA

Special Fire Fighting Procedures

NONE

Unusual Fire and Explosion Hazards

CYLINDERS MAY RUPTURE IF HEATED ABOVE 240 F

Section V—Reactivity Data

Stability	Unstable	NO	Conditions to Avoid
	Stable	YES	
Incompatibility (<i>Materials to Avoid</i>)	ATOMIC HYDROGEN, STANNOUS CHLORIDE, REDUCING AGENTS		
Hazardous Decomposition or Byproducts	NONE		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation?	Skin?	Ingestion?
Health Hazards (<i>Acute and Chronic</i>)	ANASTHETIC AFFECT IF INHALED IN HIGH CONCENTRATIONS		
Carcinogenicity	NTP?	NO	IARC Monographs? NO OSHA Regulated? NO
Signs and Symptoms of Exposure	DROWSINESS		
Medical Conditions Generally Aggravated by Exposure	NONE		
Emergency and First Aid Procedures	REMOVE AFFECTED PERSON(S) TO OPEN AIR. OBTAIN MEDICAL ASSISTANCE IF AFFECTED PERSON (S) ARE UNCONSCIOUS.		

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled	AVOID CONTACT WITH LIQUID N2O (-56 F). ALLOW TO EVAPORATE INTO OPEN AIR. N2O IS "GENERALLY REGARDED AS SAFE" (FDA). ALLOW GAS TO DISPERSE INTO OPEN AREAS
Waste Disposal Method	ALLOW GAS TO DISPENSE. DO NOT DISPOSE OF SEALED FULL CONTAINERS, RELEASE GAS BY PIERCING DISC IN APPROVED MANNER IN AN OPEN AREA
Precautions to Be Taken in Handling and Storing	DO NOT STORE CONTAINERS TEMPERATURES ABOVE 120 F DO NOT STORE UNDER GLASS OR DIRECT SUNLIGHT
Other Precautions	DO NOT MUTILATE FULL CONTAINERS. DO NOT THROW IN FIRE. KEEP OUT OF REACH OF CHILDREN

Section VII—Control Measures

Respiratory Protection (<i>Specify Type</i>)	NOT REQUIRED			
Ventilation	Local Exhaust	RECOMMENDED	Special	NONE
	Mechanical (<i>General</i>)	IF AVAILABLE	Other	NONE
Protective Gloves	RECOMMENDED		Eye Protection	RECOMMENDED
Other Protective Clothing or Equipment	RECOMMENDED			
Work/Hygienic Practices	RECOMMENDED			