

**SAFETY DATA SHEET**

**Reference : SDS ABG 400**

According to directives 1907/2006 EEC

**1. IDENTIFICATION OF SUBSTANCE OR PREPARATION AND OF COMPANY :**

**Identification of the product :** ABG 400 (pn : 200027 to 200031)

**Use of the product :** Vacuum pump lubricant

**Identification of the company :**

**adixen VACUUM PRODUCTS**

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BP 2069

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FRANCE

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Calling time schedule : 8 am to 12 am and 2 pm to 5 pm

**2. IDENTIFICATION OF HAZARDS:**

**Classification of the substance or mixture**

The mixture has been assessed and/or tested for its physical, health and environmental hazards and the following classification apply.

**Classification according to Directive 67/548/EEC or 1999/45/EC as amended**

**Classification** Xn;R20/22

The full text for all R-phrases is displayed in section 16.

**Classification according to Regulation (EC) No 1272/2008 as amended**

This mixture does not meet the criteria for classification according to Regulation (EC) 1272/2008 as amended.

**Hazard summary**

Physical hazards	Not classified for physical hazards.
Health hazards	Harmful by inhalation and if swallowed. Occupational exposure to the substance or mixture may cause adverse health effects.
Environmental hazards	Not classified for hazards to the environment.
Specific hazards	Not available.
Main symptoms	Not available.

**Label elements**

Label according to Regulation (EC) No. 1272/2008 as amended  
 Contains: POLYTETRAFLUOROETHYLENE  
 Hazard statements The substance does not meet the criteria for classification.

**Precautionary statements**

Prevention	Not available.
Response	Not available.
Storage	Not available.
Disposal	Not available.

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**Supplemental label information** Not applicable.  
**Other hazards** Not assigned.

**3. INFORMATION ON INGREDIENTS:**

**Mixture**

**General information**

Chemical name	%	CAS-No. / EC No.	REACH Registration No.	Index No.	Notes
POLYTETRAFLUOROETHYLENE <b>Classification: DSD:</b> <b>CLP:</b>	20 – 40	9002-84-0 - -	-	-	
ANTIMONY DIALKYLDITHIOCARBAMATE <b>Classification: DSD:</b> <b>CLP:</b>	0.1 – 1	15890-25-2 240-028-2	-	051-003-00-9	#

Other components below reportable levels 60 - 80

CLP: Regulation No. 1272/2008.  
DSD: Directive 67/548/EEC.  
#: This substance has workplace exposure limit(s).  
PBT: persistent, bioaccumulative and toxic substance.  
vPvB: very persistent and very bioaccumulative substance.

**Composition comments** The full text for all R- and H-phrases is displayed in section 16.

**4. FIRST AID MEASURES:**

**Description of first aid measures**

Inhalation: If symptoms develop, remove affected person from source of exposure into fresh air. Get immediate medical attention.  
Skin contact: Wash off with soap and water. Get medical attention if symptoms occur. Wash clothing separately before reuse.  
Eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.  
Ingestion: If ingestion of a large amount does occur, seek medical attention. Do not induce vomiting without medical advice. If vomiting occurs naturally, have victim lean forward to reduce risk of aspiration. Never give anything by mouth to a victim who is unconscious or is having convulsions.

Most important symptoms and effects, both acute and delayed Not available.

Indication of any immediate medical attention and special treatment needed Not available.

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**5. FIRE-FIGHTING MEASURES:**

General fire hazards Not available.

**5.1 Extinguishing media**

Suitable extinguishing media Water Fog. Foam. Carbon dioxide (CO2). Dry chemical.  
 Unsuitable extinguishing media Water. Do not use water jet as an extinguisher, as this will spread the fire.

**5.2 Special hazards arising from the substance or mixture**

Not available.

**5.3 Advice for firefighters**

Special protective equipment for firefighters Wear suitable protective equipment

Special firefighting procedures

Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Move containers from fire area if you can do it without risk.

**6. ACCIDENTAL RELEASE MEASURES**

**6.1 Personal precautions, protective equipment and emergency procedures**

For non-emergency personnel Keep unnecessary personnel away. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Keep people away from and upwind of spill/leak. Observe precautions from other sections.  
 For emergency responders Not available.

**6.2 Environmental precautions**

Prevent entry into waterways, sewers, basements or confined areas.

**6.3 Methods and material for containment and cleaning up**

Stop the flow of material, if this is without risk. Soak up with inert absorbent material. Dike the spilled material, where this is possible.  
 Clean contaminated surface thoroughly.  
 Following product recovery, flush area with water.  
 Never return spills in original containers for re-use. Clean up spills immediately, observing precautions in Protective Equipment section. Sweep up and shovel into suitable containers for disposal.

**6.4 Reference to other sections**

For waste disposal, see section 13 of the MSDS.

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**7. HANDLING AND STORAGE :**

**7.1 Precautions for safe handling**

Do NOT pressurize, cut, heat, or weld containers. Empty product containers may contain product residue. Avoid prolonged or repeated skin contact with this material. Avoid breathing gas/vapors/mist/fumes. Do not handle or store near an open flame, heat or other sources of ignition. Do not take internally. Do not taste or swallow. Avoid contact with eyes. Avoid prolonged exposure. Wash thoroughly after handling.

**7.2 Conditions for safe storage including any incompatibilities**

Keep away from heat and sources of ignition. Store in cool place. Store in a closed container away from incompatible materials.

**7.3 Specific end use(s)**

Not available..

**8. EXPOSURE INSPECTION / PERSONAL PROTECTION:**

**8.1 Control parameters**

Occupational exposure limits

UK. EH40 Workplace Exposure Limits (WELs)

Components	Type	Value
ANTIMONY DIALKYLDITHIOCARBAMATE (15890-25-2)	TWA	0.5000 mg/m3

Biological limit values  
Recommended monitoring procedures  
DNEL  
PNEC

No biological exposure limits noted for the ingredient(s).  
Follow standard monitoring procedures.  
Not available.  
Not available.

Exposure controls  
Appropriate engineering Controls

Good general ventilation (typically 10 air changes per hour) should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

**8.2 Individual protection measures, such as personal protective equipment**

General information

Not available.

Eye/face protection

Wear safety glasses; chemical goggles (if splashing is possible).

Skin protection

Hand protection

Not normally needed.

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Other	Wear suitable protective clothing. Wear nitrile, neoprene, PVC or viton gloves. Personal protection equipment should be chosen according to the CEN standards and in discussion with the supplier of the personal protective equipment.
Respiratory protection	An air purifying respirator with an organic vapor cartridge may be used under certain circumstances where airborne concentrations are expected to exceed exposure limits, or if irritation or symptoms are experienced. When workers are facing concentrations above the exposure limit they must use appropriate certified respirators.
Thermal hazards	Not available.
Hygiene measures	When using, do not eat, drink or smoke. Wash hands thoroughly after handling. Launder contaminated clothing before reuse.

**8.3 Environmental exposure controls**

Not available.

**9. PHYSICAL AND CHEMICAL PROPERTIES:**

**Information on basic physical and chemical properties**

Physical state	Not available.
Form	Liquid. Semi-solid
Color	Light yellow
Odor	Slight
Flash point	Cleveland Open Cup
Density	1 g/cm <sup>3</sup>
Pour point	-58 °F (-50 °C) ASTM D-97
Kinematic viscosity	61 cSt ASTM D-445
Kinematic viscosity temp	104 °F (40 °C)
Other data	
Shelf life	4 years
Other information	No relevant additional information available

**10. STABILITY AND REACTIVITY:**

Reactivity	None known.
Chemical stability	Material is stable under normal conditions. Stable.
Possibility of hazardous reactions	Not available.
Conditions to avoid	Heat, flames and sparks.
Incompatible materials	Strong acids, alkalies and oxidizing agents. Alkaline metals. Alkaline earth metals. Powdered metals. Halogenated compounds.
Hazardous decomposition products	Carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Hydrogen fluoride. Carbonyl fluoride.

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**11. TOXICOLOGICAL INFORMATION:**

**General information** Not available.

**Information on likely routes of exposure**

Ingestion Not available.  
 Inhalation Not available.  
 Skin contact Knowledge about health hazard is incomplete.  
 Eye contact Knowledge about health hazard is incomplete.  
 Symptoms Not available.

**Information on toxicological effects**

Acute toxicity Not available.

Product	Result
NYEVAC 9724 (Mixture)	Acute Inhalation LC50 Rat: 814.953 mg/l/4h estimated

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

Skin corrosion/irritation Knowledge about health hazard is incomplete.  
 Serious eye damage/eye irritation Knowledge about health hazard is incomplete.  
 Respiratory sensitization Knowledge about sensitization hazard is incomplete.  
 Skin sensitization Knowledge about sensitization hazard is incomplete.  
 Germ cell mutagenicity Knowledge about mutagenicity is incomplete.  
 Carcinogenicity This product does not contain any carcinogens or potential carcinogens as listed by IARC.  
 Knowledge about carcinogenicity is incomplete.  
**IARC Monographs. Overall Evaluation of Carcinogenicity**  
 POLYTETRAFLUOROETHYLENE (CAS 9002-84-0)  
 3 Not classifiable as to carcinogenicity to humans.  
 Reproductive toxicity Knowledge about health hazard is incomplete.  
 Specific target organ toxicity - single exposure Knowledge about health hazard is incomplete.  
 Specific target organ toxicity - repeated exposure Knowledge about health hazard is incomplete.  
 Aspiration hazard Not available.  
 Mixture versus substance information Not available  
**Other information** This product has no known adverse effect on human health.

**12. ECOLOGICAL INFORMATION:**

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Toxicity	No toxicity data noted for the ingredient(s).
Persistence and Degradability	No data is available on the degradability of this product.
Bioaccumulative potential	Not available.
Mobility	Not available.
Environmental fate - Partition coefficient	Not available.
Mobility in soil	Not available.
Results of PBT and vPvB assessment	Not available.
Other adverse effects	Not available.

**13. DISPOSAL CONSIDERATIONS :**

**Waste treatment methods**

Residual waste	Dispose of in accordance with local regulations. Empty containers or liners may retain some product residues. This material and its container must be disposed of in a safe manner (see: Disposal instructions).
Contaminated packaging	Empty containers should be taken to an approved waste handling site for recycling or disposal.
EU waste code	Not available.
Disposal methods/information	Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose in accordance with all applicable regulations.

**14. TRANSPORT INFORMATION :**

ADR	Not regulated as dangerous goods.
RID	Not regulated as dangerous goods.
AND	Not regulated as dangerous goods.
IATA	Not regulated as dangerous goods.
IMDG	Not regulated as dangerous goods.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available.

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**15 REGULATORY INFORMATION:**

Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU regulations**

**Directive 96/61/EC concerning integrated pollution prevention and control (IPPC): Article 15, European Pollution**

**Emission Registry (EPER)**

Not listed.

**Regulation (EC) No. 1907/2006, Article 59(1). Candidate List**

Not listed.

**Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex I**

Not listed.

**Regulation (EC) No. 2037/2000 on substances that deplete the ozone layer, Annex II**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 1**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 2**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex I, part 3**

Not listed.

**Regulation (EC) No. 689/2008 concerning the export and import of dangerous chemicals, Annex V**

Not listed.

**Regulation (EC) No. 850/2004 On persistent organic pollutants, Annex I**

Not listed.

**Other regulations**

The product is classified and labeled in accordance with EC directives or respective national laws. This Safety Data Sheet complies with the requirements of Regulation (EC) No 1907/2006.

The product does not need to be labeled in accordance with EC directives or respective national laws.

This safety datasheet complies with the requirements of Directive 2001/58/EC.

**National regulations** Not available.

**Chemical safety assessment** No Chemical Safety Assessment has been carried out.

**16 OTHER INFORMATION:**

List of abbreviations Not available.

References Not available.

Information on evaluation method leading to the classification of mixture Not available.

**Full text of any statements or R-phrases and H-phrases under Sections 2 to 15**

R20/22 Harmful by inhalation and if swallowed.

R51 Toxic to aquatic organisms

R53 May cause long-term adverse effects in the aquatic environment.

H302 - Harmful if swallowed.

H332 - Harmful if inhaled.

H411 - Toxic to aquatic life with long lasting effects.



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Revision information	This document has undergone significant changes and should be reviewed in its entirety.
Training information	Not available.
Disclaimer	The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication . The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release. aVP makes no warranty with respect thereto and disclaims all liability with respect thereon. The information in the sheet was written based on the best knowledge and experience currently available.