

**PICKLINOX G2\*****WL-0039****SECTION 1 Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Trade name : PICKLINOX G2\*

**1.2. Relevant identified uses of the substance or mixture and uses advised against**

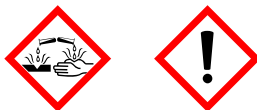
Use : Desoxidizer liquid

**1.3. Details of the supplier of the safety data sheet**Company identification : AIR LIQUIDE WELDING FRANCE  
13 rue d'Epluches - Saint Ouen l'Aumône  
BP 70024  
95315 Cergy-Pontoise Cedex - France  
Tel: + 33 1 34 21 33 33  
ALW.SDS@airliquide.com**1.4. Emergency telephone number**

Emergency phone nr : INRS +33 (0)1.45.42.59.59

**SECTION 2 Hazards identification****2.1. Classification of the substance or mixture****Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)**

- Health hazards : Acute toxicity, Oral - Category 4 - Warning (CLP : Acute Tox. 4)  
Skin corrosion - Category 1A - Danger  
Serious eye damage - Category 1 - Danger

**Classification EC 67/548 or EC 1999/45**Xn; R22  
C; R35**2.2. Label elements****• Hazard pictograms****• Hazard pictograms**

: SGH05 - SGH07

**• Signal words**

: Danger

**• Hazard statements**: H302 - Harmful if swallowed.  
H314 - Causes severe skin burns and eye damage.**• Precautionary statements****- Prevention**: P264 - Wash thoroughly after handling.  
P280 - Wear protective gloves, protective clothing, eye protection, face protection.**- Response**: P303+P361+P352 - IF ON SKIN (or hair) : Remove immediately all contaminated clothing. Wash with plenty of soap and water.  
P304+P340+P310+P320 - IF INHALED : Remove to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor. Specific treatment is urgent.  
P305+P351+P338+P310+P321 - IF IN EYES : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a POISON CENTER or doctor. Specific treatment.**- Disposal considerations**

: P501C - Dispose of this material and its container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

**Labelling EC 67/548 or EC 1999/45****AIR LIQUIDE WELDING FRANCE**

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**SECTION 2 Hazards identification (continued)**

- Symbol(s)** : Corrosive.
- R Phrase(s)** : R22 : Harmful if swallowed.  
R35 : Causes severe burns.
- S Phrase(s)** : S26 : In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
S28 : After contact with skin, wash immediately with water  
S36/37/39 : Wear suitable protective clothing, gloves and eye/face protection.  
S45 : In case of accident or if you feel unwell, seek medical advice immediately (show the label when possible).

**2.3. Other hazards**

**SECTION 3 Composition/information on ingredients**

**3.1. Substances**

Not applicable.

**3.2. Mixtures**

Substance name	Contents	CAS No	EC No	Annex No	Ref REACH	Classification
Ammonium bifluoride	: 5 - 9 %	1341-49-7	215-676-4	009-009-00-4	----	T; R25 C; R34 ----- Acute Tox. 3 (oral) Skin Corr. 1B Eye Dam 1
Nitric acid	: 9 - 20 %	7697-37-2	231-714-2	007-004-00-1	----	O; R8 C; R35 ----- Ox. Liq. 1 Skin Corr. 1A+ Eye Dam 1

**SECTION 4 First aid measures**

**4.1 Description of first aid measures**

- **Inhalation** : Assure fresh air breathing. Obtain emergency medical attention.
- **Skin contact** : For even minor contact, immediately remove contaminated clothing/wash skin thoroughly with mild soap / water. Obtain emergency medical attention.
- **Eye contact** : Rinse immediately with plenty of water. Seek medical attention immediately.
- **Ingestion** : Obtain emergency medical attention.

**4.2 Most important symptoms and effects, both acute and delayed**

Causes severe burns. Overexposure may cause : Pulmonary/bronchial disease and/or cause breathing difficulty. Absorption of excessive F- can result in acute systemic fluorosis with hypocalcemia, interference with various metabolic functions and organ damage (heart, liver, kidneys).

**4.3. Indication of any immediate medical attention and special treatment needed**

Antidote : Calcium gluconate

**SECTION 5 Firefighting measures**

**5.1. Extinguishing media**

**Extinguishing media**

- **Suitable** : Powder. Carbon dioxide. Foam. Water.
- **Not to be used** : None known.

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

May release hazardous fumes. Hydrogen fluorure.

**PICKLINOX G2\*****WL-0039****SECTION 5 Firefighting measures (continued)**

Flammable class : The product is not flammable.

**5.3. Advice for fire-fighters****SECTION 6 Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures**

General precautions : Equip clean-up crew with proper protection. Safety glasses. Gloves. Use self-contained breathing apparatus and chemically protective clothing.

**6.2. Environmental precautions**

Environmental precautions : Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

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

Neutralize with : Bases. Ex: Bicarbonate. Collect spills and put it into appropriated container. Do not use : Sand.

**6.4. Reference to other sections**

See Heading 8.

**SECTION 7 Handling and storage****7.1. Precautions for safe handling**

Handling : Provide local exhaust or general room ventilation. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

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

Storage : Keep container closed when not in use. Keep container in well ventilated place.

**7.3. Specific end use(s)**

Not applicable.

**SECTION 8 Exposure controls/personal protection****8.1. Control parameters****Occupational Exposure Limits**

Substance	CAS	Limit Value (8 hrs)	Limit Value (15 mn)
Nitric acid (EU)	7697-37-2	-	2.6 (mg/m <sup>3</sup> )
Fluorides, as F (ACGIH)	-	2.5 (mg/m <sup>3</sup> )	-

**8.2. Exposure controls****Personal protection**

- Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Do not breathe gas/fumes/vapour.
- Hand protection : Wear suitable gloves resistant to chemical penetration.
- Skin protection : Skin protection appropriate to the conditions of use should be provided.
- Eye protection : Safety glasses.

**PICKLINOX G2\*****WL-0039****SECTION 9 Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Physical state	: Paste.
Colour	: Translucent.
Odour	: Odourless.
Density	: 1.3
pH value	: 1
Melting zone [°C]	: Not applicable.
Evaporation rate	: Not applicable.
Flash point [°C]	: Not applicable.
Explosion limits - lower [%]	: Not applicable.
Explosion limits - upper [%]	: Not applicable.
Auto-ignition temperature	: Not applicable.
Vapour pressure	: Not applicable.
Solubility in water	: Miscible.
Partition coefficient : n-octanol / water	: Not applicable.
Viscosity	: No data available.
Oxidising properties	: Not applicable.

**9.2. Other information**

Not applicable.

**SECTION 10 Stability and reactivity****10.1. Reactivity**

None under normal conditions.

**10.2. Chemical stability**

Stable under normal conditions.

**10.3. Possibility of hazardous reactions**

Strong bases. Alcohol.

**10.4. Conditions to avoid**

None under normal conditions.

**10.5. Incompatible materials**

Materials to avoid : Strong bases. Alcohol. Glass.

**10.6. Hazardous decomposition products**

Hazardous decomposition products : When heated to decomposition, emits dangerous fumes. Nitrogen oxides. Hydrogen fluoride.

**SECTION 11 Toxicological information****11.1. Information on toxicological effects**

Acute toxicity	: Nitric acid - LC50 (inhalation)/4h Rat : 67 ppm
Rat oral LD50 [mg/kg]	: Bifluoride Ammonium - 130

**PICKLINOX G2\*****WL-0039****SECTION 12 Ecological information****12.1. Toxicity**

No data available.

**12.2. Persistence - degradability**

No data available.

**12.3. Bioaccumulative potential**

No data available.

**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

No data available.

**12.6. Other adverse effects**

No data available.

**SECTION 13 Disposal considerations****13.1. Waste treatment methods****Disposal**

: Dispose in a safe manner in accordance with local/national regulations.

**SECTION 14 Transport information****Hazard Label(s)****General information**

- **Proper shipping name** : UN3264 CORROSIVE LIQUID, ACIDIC, INORGANIC, N.O.S. (Ammonium bifluoride, Nitric acid), 8, II, (E)
- **UN No.** : 3264
- Land transport**
- **H.I. nr** : 80
- Sea transport**
- **IMO-IMDG** : Class 8
- IMO Packing group** : II
- **EMS-Nr** : F-A S-B
- Air transport**
- **ICAO/IATA** : Packaging instructions cargo : 812  
Packaging instructions passenger: 808
- **IATA** : 8
- IATA Packing group** : II

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**SECTION 15 Regulatory information**

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

Ensure all national/local regulations are observed.

**15.2. Chemical Safety Assessment**

Not required.

**SECTION 16 Other information**

- Warning** : Good ventilation of the workplace required.
- Text of R-Phrases in § 3** : R8 : Contact with combustible material may cause fire.  
R25 : Toxic if swallowed.  
R34 : Causes burns.  
R35 : Causes severe burns.
- Further information** : H271 - May cause fire or explosion; strong oxidizer.  
H301 - Toxic if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H318 - Causes serious eye damage.
- H271 - May cause fire or explosion; strong oxidizer.  
H301 - Toxic if swallowed.  
H314 - Causes severe skin burns and eye damage.  
H318 - Causes serious eye damage.
- Training advice** : Ensure that user is aware of the potential hazards and knows what to do in the event of an accident or an emergency.
- Recommended uses and restrictions** : Contact your supplier in case of doubt.
- The contents and the format of this safety data sheet comply with Regulation (EC) No 1907/2006 of the European Parliament.

DISCLAIMER OF LIABILITY : The information in this sheet is based on the knowledge available when it was published. The user must ensure that the information is applicable and exhaustive for the application. The information contained in this sheet is only applicable for this product. The product must not be used for any application that is not allowed, in this case we will not be responsible for any damage caused. The user must respect current Safety, Health and Environmental legislation. This information concerns Safety and is not a substitute to the technical data of the product. This sheet cancels and replaces the previous ones.

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