AnalytiChem Belgium NV
Industriezone “De Arend” 2
B-8210 ZEDELGEM - BELGIUM
Tel.: (32)-50-288320
Fax.: (32)-50-782654

SAFETY DATA SHEET

1. Identification of the substance / preparation and company.

1.1 Product identifier

Product Nr.	CL07.0605
Trade name	Phosphomolybdic acid reagent
REACH Registration Number	A registration number is not available for this substance as the substance or its use are exempted from registration according to Article 2 REACH Regulation (EC) No 1907/2006, the annual tonnage does not require a registration or the registration is envisaged for a later registration deadline.

1.2 Relevant identified uses of the substance or mixture and uses adviced against

Identified uses: Reagent for analysis
In compliance with the conditions described in the annex to this safety data sheet.

1.3 Information provided by AnalytiChem Belgium NV product service.

Responsible department: AnalytiChem Belgium NV
Industriezone "De Arend" 2
B-8210 Zedelgem
BELGIUM
Tel. +32 50 28 83 20 e-mail: info.be@analytichem.com

1.4 Emergency telephone: 00 (32) 50.28.83.20

2. Hazard identification

2.1 Classification of the substance or the mixture (EG 1272/2008)

Flammable liquid, Categorie 3, H226
Skin corrosion/irritation, Categorie 1A, H314

For the full text of H-sentences mentioned in this Section, see Section 16

For the full text of R-sentences mentioned in this Section, see Section 16

2.2 GHS-Labelling

GHS-Labelling Labelling (REGULATION (EC) No 1272/2008) (EG 1272/2008)
Hazard pictograms:



Signal word:
Danger :

Hazard statements:

H226	Flammable liquid and vapour.
H314	Causes severe skin burns and eye damage.

Precautionary statements:

P280	Wear protective gloves, protective clothing, eye protection, face protection.

P301 + P330 + P331	IF SWALLOWED: rinse mouth. Do NOT induce vomiting.
P307 + P311	IF exposed: Call a POISON CENTER or doctor/physician.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Reduced labelling
Hazard pictograms:





Signal word:
Danger :

3. Composition / Information on ingredients.

3.1 Substance

Not applicable

3.2 Mixture

Formula H3Mo12O40P.xH2O/CH3COOH/H2SO4

4. First aid measures.

4.1 Description of first aid measures

General advice

First-aid personnel: ensure self-protection!

After inhalation:

After contact with skin:

After contact with eyes:

After ingestion:

4.2 Most important symptoms and effects, both acute and delayed

The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11

4.3 Indication of any immediate medical attention and special treatment needed

No data available

5. Fire fighting measures.

5.1 Extinguishing media

Suitable extinguishing media
Unsuitable extinguishing media

5.2 Special hazards arising from substance or mixture

5.3 Advice for firefighters

5.4 Further information
No data available

6. Accidental release measures.

6.1 Personal precautions, protective equipment and emergency procedures

For personal protection see section 8.

6.2 Environmental precautions

6.3 Methods and materials for containment and cleaning up

6.4 Reference to other sections
For disposal see section 13.

7. Handling and storage.

7.1 Precautions for safe handling

For precautions see section 2.2

7.2 Conditions for safe storage, including any incompatibilities

Recommended storage temperature see product label.

7.3 Specific end use(s)
Apart from the uses mentioned in section 1.2 no other specific uses are stipulated.

8. Exposure controls - Personal protection.

8.1 Control parameters

8.2 Exposure controls

Engineering measures

See section 7.1

Individual protection measures

Respiratory protections

The entrepeneur has to ensure that maintenance, cleaning and testing of respiratory protective devices are carried out according to the instructions of the producer. These measures have to be properly documented.

Eye protection

Hand protection

Body protection

Environmental exposure controls

9. Physical and chemical properties.

9.1 Information on basic physical
Appearence

Form:	Solid
Colour:	Yellow
Odour:	Odourless
Changes in physical state	
Melting Point:	78-90°C
Boiling point:	-
Flash point:	40°C
Self Ignation temperature:	-
Mol. Weight:	-
Density:	1,05 g/ml
pH value:	-
Solubility in water:	slightly soluble
Explosion limits:	

9.2 Other data

No further relevant information available.

---

10. Stability and reactivity.

10.1 Reactivity

See section 10.3

10.2 Chemical stability

No further relevant information available.

10.3 Possibility of hazardous reactions

10.4 Conditions to avoid

No further relevant information available.

10.5 Incompatible materials

No further relevant information available.

10.6 Hazardous decomposition products

No further relevant information available.

---

11. Toxicological information.

11.1 Information on toxicological effects

Acute oral toxity

Acute inhalation toxity
No further relevant information available.

Acute dermal toxity
No further relevant information available.

Skin irritation
No further relevant information available.

Eye irritation
No further relevant information available.

Sensitisation
No further relevant information available.

Germ cell mutagenicity
No further relevant information available.

Carcinogenicity
No further relevant information available.

Reproductive toxity
No further relevant information available.

Teratogenicity
No further relevant information available.

Specific target organ toxity - single exposure
No further relevant information available.

Specific target organ toxity - repeated exposure
No further relevant information available.

Aspiration hazard
No further relevant information available.

11.2 Further information

No further relevant information available.
Further data:
Handle in accordance with good industrial hygiene and safety practice..

12. Ecological information.

12.1 Toxity

No further relevant information available.

12.2 Persistence and degradability

No further relevant information available.

12.3 Bioaccumulative potential

No further relevant information available.

12.4 Mobility in soil

No further relevant information available.

12.5 Results of PBT and vPvB assessment

No further relevant information available.

12.6 Other adverse effects

13. Disposal considerations.

14. Transport information.

Land Transport (ADR/RID)

14.1 UN number	UN 2789
14.2 Proper shipping name	Acetic acid, glacial
14.3 Class	8 (3)
14.4 Packing group	II
14.5 Environmentally hazardous	-
14.6 Special precautions for user	no
Tunnel restriction code	(D/E)

Inland waterway transport (ADN)

Not relevant

Air Transport (IATA)

14.1 UN number	UN 2789
14.2 Proper shipping name	Acetic acid, glacial
14.3 Class	8 (3)
14.4 Packing group	II
14.5 Environmentally hazardous	-
14.6 Special precautions for user	no

Sea Transport (IMDG)

14.1 UN number	UN 2789
14.2 Proper shipping name	Acetic acid, glacial
14.3 Class	8 (3)
14.4 Packing group	II
14.5 Environmentally hazardous	-
14.6 Special precautions for user	no

14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not relevant

15. Regulatory information.

15.1 Safety, health and environmental regulations/legislation speficic for the substance or mixture
For this product an assessment was not carried out.

15.2 Chemical Safety Assesment
For this product an assessment was not carried out.

16. Other information.

The information and recommendations in this MSDS are to the best of our knowledge, information and belief accurate at the date of publications. Although outmost care has been taken in the composition of this text, the publisher cannot be held responsible for any damage resulting from any possible error in this publications.

Full text of H-Statements referred to under sections 2 and 3.

H226 Flammable liquid and vapour.

H314 Causes severe skin burns and eye damage.