 innovative surfaces	IDEAL WORK	Revision nr. 2
		Dated 01/07/2015
	ACETONE	Printed on 01/03/2009
		Page n. 1/8

Safety data sheet

SECTION 1. Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Code: **ACETONE**
Product name: **--**

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

Intended use: **Pure Acetone**

1.3. Details of the supplier of the safety data sheet

Name: **IDEAL WORK SRL**
Full address: **Via Kennedy, 52**
District and Country: **31030 Vallà di Riese Pio X (TV) Italia**
Tel. **+39 0423/4535**
Fax **+39 0423/748429**
sicurezza@idealwork.it

e-mail address of the person responsible,
responsible for the safety data sheet

1.4. Emergency telephone number

For information in an emergency

Poison center:
National Poisons Information Service (Birmingham Unit) City Hospital
Dudley Rd Birmingham
Telephone: +44 121 507 4123
Fax: +44 121 507 55 88
Emergency telephone: 844 892 0111

SECTION 2. Hazards identification.

2.1. Classification of the substance or mixture

CAS 67-64-1 EEC 606-001-00-8 EINECS 200-662-2 REACH 01-2119471330-49-XXXX

2.1.1 Classification according to Regulation (EC) No 1272/2008:

pictograms:
GHS02, GHS07

Class codes and hazard category:
Flam. Liq. 2, Eye Irrit. 2, STOT SE 3

Codes of hazard statements:
H225 - Highly flammable liquid and vapor.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.

The product easily catches fire if exposed to an ignition source.

The product, if brought into contact with the eyes, it causes considerable irritation which can last for over 24 hours. Warning: Inhalation of vapors may cause drowsiness and dizziness

2.2. label elements


Labeling according to Regulation (EC) No. 1272/2008:



Pictograms, warning codes:
GHS02, GHS07 - Danger

Codes of hazard statements:
H225 - Highly flammable liquid and vapor.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.

Codes for additional hazard:
EUH066 - Repeated exposure may cause skin dryness or cracking.

	IDEAL WORK	Revision nr. 2
		Dated 01/07/2015
	ACETONE	Printed on 01/03/2009
		Page n. 2/8

Precautionary statements: Prevention

- P210 - Keep away from heat, hot surfaces, sparks, flames and other ignition sources. No smoking.
- P243 - Take precautionary measures against electrostatic discharges.
- P261 - Avoid breathing dust / fume / gas / mist / vapors / spray.

Reaction

- P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes.

Remove contact lenses if easy to do. Continue rinsing.

- P312 - Call a POISON CENTER or physician if you feel unwell. P337 + P313 - If eye irritation persists, consult a doctor.

storage

- P403 + P235 - Store in a cool, well-ventilated place.

Disposal

- P501 - Dispose of contents / container in accordance with local regulations.

It contains:

Acetone

2.3. other hazards

The substance / mixture NOT contain pursuant to Regulation PBT / vPvB (EC) No. 1907/2006, Annex XIII

No information on other hazards

SECTION 3. Composition/information on ingredients.

3.1 Substances

Refer to section 16 for the full text of the H statements

Substance	Concentration	Classification	Index	CAS	EINECS	REACH
Acetone	100%	Flam. Liq. 2, H225; Eye Irrit. 2, H319; STOT SE 3, H336	606-001-00-8	67-64-1	200-662-2	01-2119471 330-49-XXX X

3.2 Mixtures

Irrelevant

SECTION 4. First aid measures.

4.1. Description of first aid measures

Inhalation:

Ventilate the area. Immediately remove the patient from the contaminated premises to rest in a well ventilated area.

CALL A DOCTOR.

If breathing has stopped, apply artificial respiration.

direct contact with the skin (of the pure product):

Immediately take off contaminated clothing.

Rinse immediately with plenty of running water and possibly with soap areas of the body that have come into contact with the product, only even suspected.

Direct contact with the eyes (of the pure product):

Wash immediately and thoroughly with running water, keeping eyelids raised, for at least 10 minutes; then protect eyes with dry sterile gauze. Seek immediate medical attention.

Ingestion:

Do not induce vomiting unless authorized by medical staff, show the safety data sheet.

Never give anything by mouth if the victim is unconscious. If swallowed practicing gastric lavage. Call a physician.

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

Irritates the respiratory system : High doses nausea , headache , confusion , dizziness , stupor to coma with miosis reagent.

It is possible liver and kidney damage . Irritating on eyes : may cause corneal injury . Irritating to the skin : prolonged contact dermatitis can be determined .

4.3. Indication of any immediate medical attention and special treatment


If eye irritation persists, consult a doctor.

Call a POISON CENTER or physician if you feel unwell.

SECTION 5. Firefighting measures.

5.1 . Extinguishing

Recommended extinguishing means :

	IDEAL WORK	Revision nr. 2
		Dated 01/07/2015
	ACETONE	Printed on 01/03/2009
		Page n. 3/8

CO2 or powder extinguisher .
Fight larger fires with water spray or alcohol resistant foam .

Extinguishing media to avoid:
Water jets. Use d'acqua jets only to cool down surfaces exposed to fire.

5.2 . Special hazards arising from the substance or mixture

Possible formation of carbon oxides .

5.3 . Advice for firefighters

Use protection for the respiratory tract .
Safety helmet and full protective suit .
The water spray can be used to protect the people involved in the extinction
It is also recommended to use breathing apparatus , especially , if you operate in closed, poorly ventilated and in any case if you use halogenated extinguishing (fluobrene , Solkane 123 , naf etc.) .
Cool containers with water jets

SECTION 6. Accidental release measures.

6.1. Personal precautions, protective equipment and procedures in case of emergency

6.1.1 For non-emergency personnel:

Move away from the area surrounding the spill or release. Not smoking. Wear gloves and protective clothing.

6.1.2 For emergency responders:

Wear gloves and protective clothing.
Eliminate all unguarded flames and possible sources of ignition. Not smoking.
Provide adequate ventilation.
Evacuate the danger area and, if necessary, consult an expert.

6.2. environmental precautions

Limit leakages with earth or sand.
If the product has escaped into a water course, into the drainage system, or has contaminated the ground or vegetation, notify the competent authorities.
Dispose of waste in compliance with current regulations.

6.3. Methods and materials for containment and cleaning

6.3.1 For containment

Quickly collect the product wearing mask and protective clothing.
Recover the product for re-use if possible, or for elimination. Appropriate, be absorbed by inert material. (Eg, sand, earth, vermiculite, diatomaceous earth). Stop it from entering the sewer system.

6.3.2 To clean

After collection, wash the area with water and materials involved recovering the water used and eventually send for disposal to authorized facilities.

6.3.3 Other information: None in particular.

6.4. Reference to other sections

Refer to paragraphs 8 and 13 for more information

SECTION 7. Handling and storage.

7.1. Precautions for safe handling


Avoid contact and inhalation of vapors.
In living areas do not use on large surfaces.
When using do not smoke.
At work do not eat or drink.
Handle in accordance with good industrial hygiene and safety practice. See also paragraph 8.

7.2. Conditions for safe storage, including any incompatibilities

Keep in the original container tightly closed. Do not store in open or unlabeled containers.
Keep the containers upright and secure avoiding the possibility of falls or collisions.
Store in a cool place, away from any heat source and dall'esposizione direct sunlight.
Always store in well-ventilated areas.
Never close the container tightly, always leave a chance to vent.
Keep away from open flames, sparks and heat sources. Avoid direct exposure to the sun. Avoid the accumulation of electrostatic charges.

7.3 Specific end use

Professional uses:
Exclusively for professional use

	IDEAL WORK	Revision nr. 2
		Dated 01/07/2015
	ACETONE	Printed on 01/03/2009
		Page n. 4/8

SECTION 8. Exposure controls/personal protection.

8.1. Control parameters

Relating to single components:

Acetone:

ACETONE; Nr. CAS: 67-64-1

DNEL (EC) -Parameter: sistemici_Lungo termine_Dermale_Lavoratori effects Value: 186 mg / kg

DNEL (EC) -Parameter: sistemici_Breve termine_Inalazione_Lavoratori effects Value: 2420 mg / m3

DNEL (EC) -Parameter: sistemici_Lungo termine_Inalazione_Lavoratori effects Value: 1210 mg / m3

DNEL (EC) -Parameter: sistemici_Lungo termine_Orale_Popolazione effects Value: 62 mg / kg

DNEL (EC) -Parameter: sistemici_Lungo termine_Dermale_Popolazione effects Value: 62 mg / kg

DNEL (EC) -Parameter: Effects sistemici_Lungo termine_Inalazione_Popolazione

Value: 200 mg / m3

PNEC STP (EC) -Parameter: Wastewater Treatment Plant

Value: 100 mg / l

PNEC (EC) -Parameter: Issue desultory

Value: 21 mg / l

PNEC (EC) -Parameter: Sediment (freshwater)

Value: 30.4 mg / kg

PNEC (EC) -Parameter: Sediment (seawater)

Value: 3.04 mg / kg

PNEC (EC) -Parameter: Soil

Value: 33.3 mg / kg

PNEC (EC) -Parameter: Fresh water

Value: 10.6 mg / l

PNEC (EC) -Parameter: Aquamarine

Value: 1.06 mg / l

TWA (EC)

Value: 500 ppm / 1210 mg / m3

8.2. exposure controls

Appropriate engineering controls:

Professional uses:

Contacting specialized technicians.

Personal protection measures:

a) Protection for eyes / face

When handling the pure product wear safety goggles (splash goggles) (EN 166).

b) Skin protection

i) Hand protection

When handling the pure product use protective gloves resistant to chemicals (EN 374-1 / EN374-2 / EN374-3)

ii) Other

Wear normal work clothing.

c) Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment.

Mask with specific cartridge (organic vapors) Recommended Filter type: AX High concentrations or prolonged action: breathing apparatus

d) Thermal hazards

No danger to report

Environmental exposure controls:

Relating to single components:

Acetone:

General rules protective and hygienic measures

At work do not eat, drink or smoke. Use of appropriate protection measures for the hands, eyes, skin and respiratory system. The manufacturer of the protective equipment shall ensure that the means are suitable for the product.

Respiratory protection

In case of insufficient ventilation, wear suitable respiratory equipment. Mask with specific cartridge (vapors


organic) Recommended Filter type: AX_ High concentrations or prolonged action: breathing apparatus Hand protection: Wear rubber gloves that are approved according to EN374 standard.

Eye protection: Safety glasses with side shields (EN 166).

Additional information about design of technical facilities:

The workplace must be adequately ventilated. Where possible, install suction sources localized and effective replacement air systems generally.

If these measures are not sufficient to maintain concentrations of particulates and solvent vapors below the exposure limit, you will need to make use of appropriate respiratory protective equipment.

	IDEAL WORK	Revision nr. 2
		Dated 01/07/2015
	ACETONE	Printed on 01/03/2009
		Page n. 5/8

SECTION 9. Physical and chemical properties.

9.1. Information on basic physical and chemical properties

Physical and chemical properties	Value	Test method
Appearance	colorless liquid	
Odour	aromatic	
Odor Threshold	no data available	
pH	pH 5-6	
Melting point / freezing point	- 94.7 ° C (1013 hPa)	
Initial boiling point and boiling range	no data available	
Flash point	-17 ° C	
Evaporation rate	no data available	
Flammability (solid, gas)	no data available	
Upper / lower flammability or explosion	inf sup 2.5 vol-%. 14.3 vol-%	
Vapor pressure	240 hPa at 20 ° C	
Vapor Density	2.1	((air = 1))
Relative density	ca. 0.79 g / cm ³ at 20 ° C	
Solubility	Organic solvents	
Water solubility	miscible in water	
Partition coefficient: n-octanol / water	-0.2	
Ignition temperature	465 ° C	
Decomposition temperature	no data available	
Viscosity	0.32 mPa.s at 20 ° C	
Explosive properties	no data available	
oxidising properties	no data available	

9.2. Further information


VOC content of the product ready for use: 64.30%

Refractive index: 1.358 to 1.359 at 20 ° C

SECTION 10. Stability and reactivity.

10.1 . Reactivity

Reactions with strong acids and oxidizing agents .

 ideal WORK innovative surfaces	IDEAL WORK	Revision nr. 2
		Dated 01/07/2015
	ACETONE	Printed on 01/03/2009
		Page n. 6/8

10.2 . chemical stability

No dangerous reaction if used as directed.

10.3 . Possibility of hazardous reactions

It reacts with acids and strong oxidizing agents .

10.4 . Conditions to avoid

Avoid the accumulation of electrostatic charges .
 Avoid contact with combustible materials. The product could catch fire .
 Heating , open flame , sparks and hot surfaces .

10.5 . incompatible materials

oxidizing agents .

10.6 . Hazardous decomposition products

Possible formation of carbon oxides .

SECTION 11. Toxicological information.

11.1. Information on toxicological effects

(A) acute toxicity: based on available data, the classification criteria are not met.

(B) corrosion / irritation: Acetone: Repeated or prolonged skin contact may cause dermatitis odisseccamenti.

(C) serious eye irritation / injuries: The product, if brought into contact with the eyes, it causes severe irritation chepossono persisting for more than 24 hours.

Acetone: Irritating.

(D) sensitization of the respiratory tract or skin: the classification criteria not sonosoddisfatti estimated from the available data.

(E) germ cell mutagenicity: Based on available data the classification criteria are not met.

(F) carcinogenicity: Based on the available data, the classification criteria are not met.

(G) reproductive toxicity: based on available data, the classification criteria are not met.

(H) specific target organ toxicity (STOT) single exposure: Warning: Do not inhale vapors puòprovocare drowsiness and dizziness

(I) a specific target organ toxicity (STOT) Repeated exposure: on the basis of the available data-grading criteria are not met.

(J) aspiration hazard: on the basis of available data, the classification criteria are not met.

Relating to single components:

Acetone:

LC50 (ACETONE; Nr. CAS: 67-64-1)

Routes of entry: Inhalation

Test species: Rat (female)

Value: = 21.09 ppm

For. Test: 8 h

LD50 (ACETONE; Nr. CAS: 67-64-1)

Route of administration: Orally

Test species: Rat

Value: = 5800 mg / kg

LD50 (ACETONE; Nr. CAS: 67-64-1)

Routes of entry: Dermal

Test species: Rabbit

Value:> 20 ml / kg

SECTION 12. Ecological information.

12.1 . Toxicity

Relating to single components:

aquatic toxicity

EC50 (ACETONE ; Nr . CAS : 67-64-1) - Parameter : Fish - Value = 4144 mg / l - To . test : 96 h

EC50 (ACETONE ; Nr . CAS : 67-64-1)

Parameter : Algae

Value = 302 mg / l

For. test : 96 h

LC50 (ACETONE ; Nr . CAS : 67-64-1)

Parameter : Fish

Value = 4042 mg / l

For. the test : 14 days


LC50 (ACETONE ; Nr . CAS : 67-64-1)

Parameter : Daphnia

Value = 1680 mg / l

For. test : 48 h

Adopt good working practices, avoiding release of the product in the environment .

	IDEAL WORK	Revision nr. 2
		Dated 01/07/2015
	ACETONE	Printed on 01/03/2009
		Page n. 7/8

12.2 . Persistence and degradability

Readily biodegradable .

12.3 . Potential for bioaccumulation

Shortly bioaccumulative .

12.4 . Mobility in soil

No data available.

12.5 . Results of PBT and vPvB

The substance / mixture NOT contain pursuant to Regulation PBT / vPvB (EC) No. 1907/2006 , Annex XIII

12.6 . Other adverse effects

No adverse effects are found

SECTION 13. Disposal considerations.

13.1 . Waste treatment methods

Do not reuse empty containers . Dispose of in compliance with current regulations . Any remaining product should be disposed of according to current regulations addressing to authorized companies.

Recover if possible . Send to authorized disposal plants or for incineration under controlled conditions . Operate according to local and national regulations.

SECTION 14. Transport information.

14.1. UN number 1090

Any ADR exemption if it met the following characteristics:

Combination packagings: Inner packing 1 L neck 30 Kg

Inner packaging placed in trays with shrink or extensible film: internal packing 1 L neck 20 Kg



14.2. shipping name ACETONE

14.3. of Transport hazard classes

Class: 3

Label: 3

of Tunnel restriction code: D / E

Limited quantity: 1 L

Ems: F-E, S-D

14.4. Packing group II

14.5. Environmental hazards

Not dangerous for the environment

Sea contaminant: No

14.6. Special precautions for user

The goods must be transported by vehicles authorized to the carriage of dangerous goods according to the current provisions of the 'Agreement A.D.R. and the national provisions applicable.

The goods must be in original packaging and in any case, in packagings made of materials resistant to their content and not likely to generate dangerous reactions. People loading and the unloading of dangerous goods must be trained on the risks from these substances and on all actions that must be taken in case of emergency situations.

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

It is not intended to carry bulk


Packaging: 10 LT BUCKET - APPROVAL 1A1/Y 1.5/150AA/F/BVT 291219 – ø 242,5mm h. 286mm – Weight 0,740 KG

SECTION 15. Regulatory information.

15.1. laws and regulations on health, safety and specific for the substance or mixture

Statement references:

Legislative Decree. 02/03/1997 n. 52 (Classification, packaging and labeling of dangerous substances). Legislative Decree 14/03/2003 n. 65 (Classification, packaging and labeling of dangerous substances). Legislative Decree. 02/02/2002 n. 25 (Risks related to chemical agents at work). D.M. 26/02/2004 work (occupational exposure limits); D.M. 03/04/2007 (Implementation of Directive no. 2006/8 / EC). Regulation (EC) No. 1907/2006 (REACH), Regulation (EC) No. 1272/2008 (CLP), Regulation (EC) 790 / 2009.D.Lgs. September 21, 2005 n. 238 (Seveso Directive Ter), Regulation (EU) 2015/830.

	IDEAL WORK	Revision nr. 2
		Dated 01/07/2015
	ACETONE	Printed on 01/03/2009
		Page n. 8/8

Sanitary checks:

Workers exposed to this chemical agent to health must undergo health checks according to the provisions of Article. 41 of Legislative Decree no. 81 of April 9, 2008 unless the risk for the safety and health of the worker has been assessed irrelevant, according to art. 224 paragraph 2.

15.2. Chemical Safety Assessment

The provider did not carry out a chemical safety assessment

SECTION 16. Other information.

16.1. Further information

Modified points from the previous revision: 1.2. Relevant identified uses of the substance or mixture and uses advised against 2.2. Label elements, 2.3. Other hazards, 4.1. Description of first aid measures 4.2. Most important symptoms and effects, both acute and delayed 5.1. Extinguishing, 5.2. Special hazards arising from the substance or mixture 5.3. Advice for firefighters, 6.1. Personal precautions, protective equipment and emergency procedures, 6.3. Methods and materials for containment and cleaning up, 7.1. Precautions for safe handling 7.2. Conditions for safe storage, including any incompatibilities 8.1. Control parameters, 8.2. exposure controls, 10.1. Reactivity, 10.4. Conditions to avoid 11.1. Information on toxicological effects 12.1. Toxicity, 12.2. Persistence and degradability 12.6. Other adverse effects, 13.1. Methods of waste treatment, 15.1. laws and regulations on health, safety and specific for the substance or mixture

Description of the H statements set out in paragraph 3 H225 = Highly flammable liquid and vapor.

H319 = Causes serious eye irritation.

H336 = May cause drowsiness or dizziness.

Principal legal references:

Directive 67/548 29 ° adaptation

Directive 2001/60 / EC

Regulation 2008/1272 / EC

Regulation (EU) 2015/830

Other regulations: see point 15.1 of the safety data sheet.

*** This sheet supersedes any previous edition.***

The existing working conditions at the 'user but escape to our knowledge or control.

L 'user is responsible for the observation of all required statutory provisions.

 Issued on 25/04/2012 - Rev. n. 4 of 10.21.2015

Conforms to Regulation (EU) 2015/830

The data are based on our present knowledge, shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

