Safety Data Sheet
ACETONE - C931008-NA

Safety Data Sheet dated 11/2/2020, version 1

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1. Identification

GHS Product Identifier

Mixture identification:

Trade name: ACETONE

SDS code: C931008-NA

Recommended use of the chemical and restrictions on use

Recommended use:

Solvent

Industrial uses

Professional uses

Restrictions on use:

No uses advised against are identified.

Supplier's details

Manufacturers:

Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 / csr-na@socomore.com/ Fax Number: 817-335-2405

Distributors:

Dysol Inc. - 5475 E. State Highway 114, Rhome Texas, 76078 / Phone: 1-817-335-1826 / csr-na@socomore.com/ Fax Number: 817-335-2405

Socomore Canada Limited - Unit 204, 6741 Cariboo Road, Burnaby V3N 4A3, British Columbia, Canada / Email: csr-ca@socomore.com / Phone: +1 604 420 7707 / Fax: +1 604 420 7701

Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

Emergency phone number:

CHEMTEL: I+1-813-248-0585 (International); 1-800-255-3924 (USA); CANUTEC: 1-613-996-6666 (CANADA)

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2. Identification des dangers

Danger, Flam. Liq. 2, Highly flammable liquid and vapour.

Warning, Eye Irrit. 2A, Causes serious eye irritation.

Warning, STOT SE 3, May cause drowsiness or dizziness.

GHS label elements, including precautionary statements

Hazard pictograms:

Danger

Hazard statements:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Precautionary statements:

P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P240 Ground and bond container and receiving equipment.
P241 Use explosion-proof [electrical/ventilating/lighting/...] equipment.
P242 Use non-sparking tools.
P243 Take action to prevent static discharges.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 Wash Hands and Eyes Thoroughly after handling.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection/hearing protection/...
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [or shower].
P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P312 Call a POISON CENTER/doctor if you feel unwell.
P337+P313 If eye irritation persists: Get medical advice/attention.
P370+P378 In case of fire: Use water or dry powder or foam to extinguish.
P403+P233 Store in a well-ventilated place. Keep container tightly closed.
P403+P235 Store in a well-ventilated place. Keep cool.
P405 Store locked up.
P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

Other hazards which do not result in a classification

No other hazards

3. Composition/information on ingredients

Substances

Identification of the substance:
SDS code: C931008-NA

Qty	Name	Ident. Number	Classification
100 %	acetone; propan-2-one; propanone	Index number: 606-001-00-8 CAS: 67-64-1 EC: 200-662-2 REACH No.: 01-2119471330-49	2.6/2 Flam. Liq. 2 H225 3.3/2A Eye Irrit. 2A H319 3.8/3 STOT SE 3 H336

Mixtures

N.A.

4. First-aid measures

Description of necessary first-aid measures
In case of skin contact:
Immediately take off all contaminated clothing.
Remove contaminated clothing immediately and dispose of safely.
After contact with skin, wash immediately with soap and plenty of water.
In case of eyes contact:
After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an opthalmologist immediately.
Protect uninjured eye.
In case of Ingestion:
Do not induce vomiting. Obtain a medical examination.
In case of Inhalation:
Remove casualty to fresh air and keep warm and at rest.
Most important symptoms/effects, acute and delayed
None
Indication of immediate medical attention and special treatment needed, if necessary
In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).
Treatment:
No particular treatment.

5. Fire-fighting measures

Suitable extinguishing media
In case of fire: Use water or dry powder or foam to extinguish.
Unsuitable extinguishing media
None in particular.
Special hazards arising from the chemical
Do not inhale explosion and combustion gases.
Burning produces heavy smoke.
Hazardous combustion products:
None
Explosive properties: N.A.
Oxidizing properties: N.A.
Special protective actions for fire-fighters
Use suitable breathing apparatus .
Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
Move undamaged containers from immediate hazard area if it can be done safely.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures
Wear personal protection equipment.
Remove all sources of ignition.
Remove persons to safety.
See protective measures under point 7 and 8.
Environmental precautions
Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it.

In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities.
Suitable material for taking up: absorbing material, organic, sand

Methods and material for containment and cleaning up

Wash with plenty of water.

7. Handling and storage

Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.
Don't use empty container before they have been cleaned.
Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.
See also section 8 for recommended protective equipment.
Advice on general occupational hygiene:
Contamined clothing should be changed before entering eating areas.
Do not eat or drink while working.

Conditions for safe storage, including any incompatibilities

Always keep in a well ventilated place.
Store at ambient temperatures. Keep away from unguarded flame and heat sources. Avoid direct exposure to sunlight.
Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Avoid accumulating electrostatic charge.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.
Safety electric system.

8. Exposure controls/personal protection

Control parameters

acetone; propan-2-one; propanone - CAS: 67-64-1

- OEL Type: National - TWA(8h): 1200 mg/m3 - Notes: Germany - Notes DFG
- OEL Type: National - TWA(8h): 1210 mg/m3, 500 ppm - STEL: 2420 mg/m3, 1000 ppm - Notes: France VLEC - TMP N? 84
- OEL Type: EU - TWA(8h): 1210 mg/m3, 500 ppm
- OEL Type: ACGIH - TWA(8h): 250 ppm - STEL: 500 ppm - Notes: A4, BEI - URT and eye irr, CNS impair
- OEL Type: National - TWA: 1200 mg/m3, 500 ppm - STEL(15'): 4800 mg/m3, 2000 ppm - Notes: Ostereich
- OEL Type: National - TWA(8h): 1210 mg/m3, 500 ppm - STEL(): 3620 mg/m3, 1500 ppm - Notes: United Kingdom

DNEL Exposure Limit Values

acetone; propan-2-one; propanone - CAS: 67-64-1

Worker Industry: 2420 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term, local effects - Notes: 1h
Worker Industry: 186 mg/kg - Consumer: 62 mg/kg - Exposure: Human Dermal - Frequency: Short Term (acute) - Notes: 8h for workers, 24h for consumer
Worker Industry: 1210 mg/m3 - Consumer: 200 mg/m3 - Exposure: Human Inhalation - Frequency: Short Term (acute) - Notes: 24h for consumer

Consumer: 62 mg/kg - Exposure: Human Oral - Frequency: Short Term (acute)
Worker Industry: 500 ppm - Exposure: Human Inhalation - Frequency: Long Term, systemic effects

PNEC Exposure Limit Values

acetone; propan-2-one; propanone - CAS: 67-64-1

Target: Fresh Water - Value: 10.6 mg/l
Target: Marine water - Value: 1.06 mg/l
Target: Freshwater sediments - Value: 30.4 mg/kg
Target: Marine water sediments - Value: 3.04 mg/kg
Target: Soil (agricultural) - Value: 29.5 mg/kg
Target: Microorganisms in sewage treatments - Value: 100 mg/l
Target: Water (intermittent discharge) - Value: 21 mg/l

Appropriate engineering controls:

None

Individual protection measures, such as personal protective equipment (PPE)

Eye protection:

Use close fitting safety goggles, don't use eye lens.

Protection for skin:

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

Protection for hands:

Use protective gloves that provides comprehensive protection, e.g. P.V.C., neoprene or rubber.

Respiratory protection:

Use adequate protective respiratory equipment.

Thermal Hazards:

None

9. Physical and chemical properties

Properties	Value	Method:	Notes
Appearance and colour:	CLEAR HOMOGENEOUS LIQUID	--	--
Odour:	N.A.	--	--
pH:	Not Relevant	--	--
Kinematic viscosity	N.A.	--	--
Melting point / freezing point:	N.A.	--	--
Initial boiling point and boiling range:	56 56 57 deg C/ 133 134 135 deg F	--	--
Flammability	The product is classified: Highly flammable liquid and vapour.	--	--
Flash point (deg C):	-16 deg C (TTC)	--	--
Upper/lower flammability or explosive limits:	2.6	--	--
Vapour pressure:	186(mmHg@20degC)	--	--
Vapour density:	2	--	--
Relative density:	0.792	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--
Auto-ignition temperature:	537degC/1000degF	--	--
Decomposition temperature:	N.A.	--	--
Particle characteristics:			

	Particle size (average and range)	N.A.	--	--

10. Stability Toxicological information

Reactivity
It may generate dangerous reactions (See subsections below)
Chemical stability
It may generate dangerous reactions (See subsections below)
Possibility of hazardous reactions
None
Conditions to avoid
Avoid accumulating electrostatic charge.
Incompatible materials
Avoid contact with combustible materials. The product could catch fire.
Hazardous decomposition products
None.

11. Toxicological information

Information on toxicological effects
Toxicological information of the substance:
N.A.
If not differently specified, the information listed below must be considered as non applicable:
Acute toxicity;
Skin corrosion/irritation;
Serious eye damage/irritation;
Respiratory or skin sensitisation;
Germ cell mutagenicity;
Carcinogenicity;
Reproductive toxicity;
STOT-single exposure;
STOT-repeated exposure;
Aspiration hazard.

12. Ecological information

Toxicity
Adopt good working practices, so that the product is not released into the environment.
acetone; propan-2-one; propanone - CAS: 67-64-1
a) Aquatic acute toxicity:
Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96 - Notes: Salmo gairdneri
Endpoint: EC50 - Species: Daphnia > 100 mg/l - Duration h: 48
Endpoint: EC50 - Species: Algae > 100 mg/l - Duration h: 96 - Notes: Pseudokirchneriella subcapitata
Endpoint: NOEC - Species: Algae = 430 mg/l - Duration h: 96 - Notes: Prorocentrum minimum, marine water
b) Aquatic chronic toxicity:
Endpoint: NOEC - Species: Daphnia = 2212 mg/l - Duration h: 672 - Notes: Daphnia pulex
Persistence and degradability

acetone; propan-2-one; propanone - CAS: 67-64-1
Biodegradability: Readily biodegradable - Duration: 28 days - %: 91
Biodegradability: Chemical Oxygen Demand (COD) - Notes: 2,21 g O2/g matiere

Bioaccumulative potential

acetone; propan-2-one; propanone - CAS: 67-64-1
BCF 3
Log Pow - 0.24 - Notes: 20?C
Log Kow 0.17 - Notes: 20?C

Mobility in soil

acetone; propan-2-one; propanone - CAS: 67-64-1
Volality (H: Henry's Law Constant) 2929-3070 Pa.m3/mol - Notes: 25?C (low volatility)

Other adverse effects

No harmful effects expected.

13. Disposal considerations

Disposal methods:

Disposal should be in accordance with applicable regional, national and local laws and regulations. Please consult Technical Data Sheet for details.

14. Transport information

UN number

ADR-UN Number:	1090
IATA-UN Number:	1090
IMDG-UN Number:	1090

UN proper shipping name

ADR-Shipping Name:	ACETONE
IATA-Shipping Name:	ACETONE
IMDG-Shipping Name:	ACETONE

Transport hazard class(es)

ADR-Class:	3
ADR - Hazard identification number:	33
IATA-Class:	3
IATA-Label:	3
IMDG-Class:	3

Packing group, if applicable

ADR-Packing Group:	II
IATA-Packing group:	II
IMDG-Packing group:	II

Environmental hazards

ADR-Enviromental Pollutant:	No
IMDG-Marine pollutant:	No

Special precautions for user

ADR-Subsidiary hazards:	-
ADR-S.P.:	-

ADR-Transport category (Tunnel restriction code): (D/E)

IATA-Passenger Aircraft:	353
IATA-Subsidiary hazards:	-
IATA-Cargo Aircraft:	364
IATA-S.P.:	-
IATA-ERG:	3H
IMDG-EmS:	F-E , S-D
IMDG-Subsidiary hazards:	-
IMDG-Stowage and handling:	Category E
IMDG-Segregation:	-

Transport in bulk according to IMO instruments

N.A.

15. Regulatory information

Safety, health and environmental regulations specific for the product in question.

This Safety Data Sheet has been prepared according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Seventh revised edition.

International Inventories:

The substances are listed or exempted from registration in the following international inventories:

Canada (DSL):	All the substances of this product are listed on the DSL list.
Canada (NDSL):	No substance of this product is listed on the NDSL list.

16. Other information

This document was prepared by a competent person who has received appropriate training.

Full text of phrases referred to in Section 3:

H225 Highly flammable liquid and vapour.
H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold
CCNL - Appendix 1
Insert further consulted bibliography

SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product. The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality. It is the

responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
ATE:	Acute Toxicity Estimate
ATEmix:	Acute toxicity Estimate (Mixtures)
CAS:	Chemical Abstracts Service (division of the American Chemical Society).
CLP:	Classification, Labeling, Packaging.
DNEL:	Derived No Effect Level.
EINECS:	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO:	Ordinance on Hazardous Substances, Germany.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA:	International Air Transport Association.
IATA-DGR:	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO:	International Civil Aviation Organization.
ICAO-TI:	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG:	International Maritime Code for Dangerous Goods.
INCI:	International Nomenclature of Cosmetic Ingredients.
KSt:	Explosion coefficient.
LC50:	Lethal concentration, for 50 percent of test population.
LD50:	Lethal dose, for 50 percent of test population.
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWA:	Time-weighted average
WGK:	German Water Hazard Class.