Safety Data Sheet
Dye concentrates raspberry red

Safety Data Sheet dated 2/28/2013, version 1

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1. IDENTIFICATION

Product identifier

Mixture identification:

Trade name: Dye concentrates raspberry red

Other means of identification:

Trade code: 6CTE5007

Recommended use of the chemical and restrictions on use

Recommended use:

Surface coating

Restrictions on use:

None

Name, address, and telephone number of the chemical manufacturer, importer, or other responsible party

Company:

SIRCA S.p.A.

Viale Roma, 85

35010 S.Dono di Massanzago (PD) - ITALY

Tel. +39 0499322311

Competent person responsible for the safety data sheet:

safety@sirca.it

Emergency phone number

SIRCA S.p.A.- Phone n. +39 499322311

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2. HAZARD(S) IDENTIFICATION

Classification of the chemical

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

Warning, Skin Irrit. 2, Causes skin irritation.

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

Danger, Repr. 1B, May damage fertility or the unborn child.

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

Label elements

Symbols:

Danger

Hazard statements:

H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
H360 May damage fertility or the unborn child.
H336 May cause drowsiness or dizziness.

Precautionary statements:

P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P240 Ground/bond container and receiving equipment.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P242 Use only non-sparking tools.
P243 Take precautionary measures against static discharge.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of water and soap.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/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.
P308+P313 IF exposed or concerned: Get medical advice/attention.
P312 Call a POISON CENTER/doctor/... if you feel unwell.
P332+P313 If skin irritation occurs: Get medical advice/attention.
P337+P313 If eye irritation persists: Get medical advice/attention.
P363 Wash contaminated clothing before reuse.
P370+P378 In case of fire: use CO2, Foam, Chemical powders 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

Hazards not otherwise classified identified during the classification process:

None

Ingredient(s) with unknown acute toxicity:

None

Additional classification information

NFPA rating:

HMIS rating:

HEALTH	* 2
FLAMMABILITY	3
PHYSICAL HAZARD	1
PERSONAL PROTECTION	

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substances

N.A.

Mixtures

Hazardous components within the meaning of 29 CFR 1910.1200 and related classification:

75% - 100% 1-methoxy-2-propanol

REACH No.: 01-2119457435-35-xxxx, Index number: 603-064-00-3, CAS: 107-98-2, EC: 203-539-1

B.6/3 Flam. Liq. 3 H226

A.8/3 STOT SE 3 H336

9.9% - 12.5% 2-butoxyethanol

REACH No.: 01-2119475108-36-xxxx, Index number: 603-014-00-0, CAS: 111-76-2, EC: 203-905-0

A.3/2A Eye Irrit. 2A H319

A.2/2 Skin Irrit. 2 H315

A.1/4/Oral Acute Tox. 4 H302

A.1/4/Dermal Acute Tox. 4 H312

A.1/4/Inhal Acute Tox. 4 H332

0.2% - 0.25% 2-methoxypropanol

Index number: 603-106-00-0, CAS: 1589-47-5, EC: 216-455-5

B.6/3 Flam. Liq. 3 H226

A.7/1B Repr. 1B H360

A.8/3 STOT SE 3 H335

A.2/2 Skin Irrit. 2 H315

A.3/1 Eye Dam. 1 H318

4. FIRST-AID MEASURES

Description of necessary measures

In case of skin contact:

Immediately take off all contaminated clothing.
Areas of the body that have - or are only even suspected of having - come into contact with the product must be rinsed immediately with plenty of running water and possibly with soap.
Wash thoroughly the body (shower or bath).
Remove contaminated clothing immediatley and dispose off 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 contact with eyes, rinse immediately with plenty of water and seek medical advice.

In case of ingestion:

Give nothing to eat or drink.
Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

In case of inhalation:

Remove casualty to fresh air and keep warm and at rest.
If breathing is irregular or stopped, administer artificial respiration.
In case of inhalation, consult a doctor immediately and show him packing or label.

Most important symptoms/effects, acute and delayed

None

Indication of immediate medical attention and special treatment needed

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media:

In case of fire, use CO2, Foam, Chemical powders

Unsuitable extinguishing media:

None in particular.

Specific 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 equipment and precautions 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.
Wear breathing apparatus if exposed to vapours/dusts/aerosols.
Provide adequate ventilation.
Remove persons to safety.
Use appropriate respiratory protection.
See protective measures under point 7 and 8.

Methods and materials 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.
Contaminated clothing should be changed before entering eating areas.
Do not eat or drink while working.
See also section 8 for recommended protective equipment.

Conditions for safe storage, including any incompatibilities

Keep away from unguarded flame, sparks, and heat sources. Avoid direct exposure to sunlight.
Avoid accumulating electrostatic charge.
Place recipients on the ground whilst decanting, and wear anti-static clothing and shoes.
Keep away from food, drink and feed.
Incompatible materials:
None in particular.
Instructions as regards storage premises:
Cool and adequately ventilated.
Safety electric system.
Storage temperature:
Store at ambient temperature.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

1-methoxy-2-propanol - CAS: 107-98-2

OEL (IT) - LTE: 375 mg/m3, 100 ppm - STE: 558 mg/m3, 150 ppm - Notes: skin
TLV TWA - 100 ppm - 368,59 mg/m3
TLV STEL - 150 ppm - 552,88 mg/m3
VLE 8h - 375 mg/m3 - 100 ppm
VLE short - 568 mg/m3 - 150 ppm

2-butoxyethanol - CAS: 111-76-2

OEL (IT) - LTE(8h): 98 mg/m3, 20 ppm - STE: 246 mg/m3, 50 ppm - Behaviour: Binding - Notes: skin

EU - LTE(8h): 98 mg/m3, 20 ppm - STE: 246 mg/m3, 50 ppm - Notes: Skin
ACGIH - LTE: 96.66 mg/m3, 20 ppm - Notes: A3

DNEL Exposure Limit Values
N.A.

PNEC Exposure Limit Values
N.A.

Appropriate engineering controls:
None

Individual protection measures

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

Appearance and colour:	liquid
Odour:	characteristic
Odour threshold:	N.A.
pH:	N.A.
Melting point / freezing point:	< 1°C
Initial boiling point and boiling range:	> 55°C
Solid/gas flammability:	N.A.
Upper/lower flammability or explosive limits:	N.A.
Vapour density:	N.A.
Flash point:	21℃ <= fp < 55℃
Evaporation rate:	N.A.
Vapour pressure:	N.A.
Relative density:	0.95 Kg/l at 20℃
Solubility in water:	N.A.
Solubility in oil:	N.A.
Partition coefficient (n-octanol/water):	N.A.
Auto-ignition temperature:	> 250°C
Decomposition temperature:	N.A.
Viscosity:	N.A.
Miscibility:	N.A.
Fat Solubility:	N.A.
Conductivity:	N.A.
Substance Groups relevant properties	N.A.

10. STABILITY AND REACTIVITY

Reactivity

Stable under normal conditions

Chemical stability

Stable under normal conditions

Possibility of hazardous reactions

No dangerous reaction if stored and used appropriately.

Conditions to avoid

Avoid accumulating electrostatic charge.

Vapours can form explosive mixtures with air.

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 mixture:

N.A.

Toxicological information of the main substances found in the mixture:

1-methoxy-2-propanol - CAS: 107-98-2

LD50 (RABBIT) ORAL: 8 G/KG (8000 MG/KG)

2-butoxyethanol - CAS: 111-76-2

LD50 (RABBIT) ORAL: 320 MG/KG

CL50 (RAT) INHALATION : >2 - 20 MG/L

LD50 (RAT) SKIN: >400 - 2000 MG/KG

Substance(s) listed on the NTP report on Carcinogens:

None

Substance(s) listed on the IARC Monographs:

2-butoxyethanol – Group 3

Substance(s) listed as OSHA Carcinogen(s):

None

Substance(s) listed as NIOSH Carcinogen(s):

None

12. ECOLOGICAL INFORMATION

Ecotoxicity

Adopt good working practices, so that the product is not released into the environment.

Persistence and degradability

N.A.

Bioaccumulative potential

N.A.

Mobility in soil

N.A.

Other adverse effects

None

13. DISPOSAL CONSIDERATIONS

Waste treatment and disposal methods

Recover, if possible. Send to authorised disposal plants or for incineration under controlled conditions. In so doing, comply with the local and national regulations currently in force.

14. TRANSPORT INFORMATION

UN number

ADR-UN Number:	1263
DOT-UN Number:	1263
IATA-UN Number:	1263
IMDG-UN Number:	1263

UN proper shipping name

ADR-Shipping Name:	Paint Related material
DOT-Shipping Name:	Paint Related material
IATA-Shipping Name:	Paint Related material
IMDG-Shipping Name:	Paint Related material

Transport hazard class(es)

ADR-Class:	3
DOT-Class:	3
IATA-Class:	3
IMDG-Class:	3

Packing group

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

Environmental hazards

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

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

No

Special precautions

ADR-Tunnel Restriction Code:	D/E
DOT-Special provisions:	149, B52, IB2, T4, TP1, TP8, TP28
IATA-Passenger Aircraft:	353
IATA-Cargo Aircraft:	364
IATA-S.P.:	A72
IATA-ERG:	8L
IMDG-EmS:	F-E, S-E
IMDG-Storage category:	B
IMDG-Storage notes:	None

15. REGULATORY INFORMATION

TSCA - Toxic Substances Control Act

TSCA inventory: all the components are listed on the TSCA inventory

TSCA listed substances:

None

SARA - Superfund Amendments and Reauthorization Act

Section 302 – Extremely Hazardous Substances: no substances listed
Section 304 – Hazardous substances: no substances listed
Section 313 – Toxic chemical list: no substances listed

CERCLA - Comprehensive Environmental Response, Compensation, and Liability Act
Substance(s) listed under CERCLA:
No substances listed
CAA - Clean Air Act
CAA listed substances:
2-butoxyethanol is listed in CAA Section 111, Section 112(b) – HON
1-methoxy-2-propanol is listed in CAA Section 112(b) – HON
CWA - Clean Water Act
CWA listed substances:
None

USA - State specific regulations
California Proposition 65
Substance(s) listed under California Proposition 65:
No substances listed
Massachusetts Right to know
Substance(s) listed under Massachusetts Right to know:
2-butoxyethanol
1-methoxy-2-propanol
New Jersey Right to know
Substance(s) listed under New Jersey Right to know:
2-butoxyethanol
1-methoxy-2-propanol
Pennsylvania Right to know
Substance(s) listed under Pennsylvania Right to know:
2-butoxyethanol
1-methoxy-2-propanol

16. OTHER INFORMATION

Text of phrases referred to under heading 3:
H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.
H319 Causes serious eye irritation.
H315 Causes skin irritation.
H302 Harmful if swallowed.
H312 Harmful in contact with skin.
H332 Harmful if inhaled.
H360 May damage fertility or the unborn child.
H335 May cause respiratory irritation.
H318 Causes serious eye damage.

Safety Data Sheet dated 2/28/2013, version 1
Disclaimer:
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. The information relates only to the specific material and may not be valid for such material used in combination with any other material or in any process.
This Safety Data Sheet cancels and replaces any preceding release.

ADR:	European Agreement concerning the International Carriage of Dangerous Goods by Road.
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.
GHS:	Globally Harmonized System of Classification and Labeling of Chemicals.
HMIS:	Hazardous Materials Identification System
IARC:	International Agency for Research on Cancer
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.
LTE:	Long-term exposure.
NFPA:	National Fire Protection Association
NIOSH:	National Institute for Occupational Safety and Health
NTP:	National Toxicology Program
OSHA:	Occupational Safety and Health Administration
PNEC:	Predicted No Effect Concentration.
RID:	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STE:	Short-term exposure.
STEL:	Short Term Exposure limit.
STOT:	Specific Target Organ Toxicity.
TLV:	Threshold Limiting Value.
TWATLV:	Threshold Limit Value for the Time Weighted Average 8 hour day. (ACGIH Standard).