



SAFETY DATA SHEET

Date issued 2015/01/27

9051 : MCV 2K LEMON YELLOW

DNM

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Code	9051	Product Name	MCV 2K LEMON YELLOW	DNM
Recommended use	A paint or paint constituent product			
	SOUTH AFRICA	AUSTRALIA	UNITED STATES OF AMERICA	
	Manufacturer	Supplier	Supplier	
Company Name	Chemical Specialities (Pty) Ltd	ChemSpec Coatings (Pty) Ltd	ChemSpec USA, Inc.	
Address	2029 Old Mill Road Canelands Verulam 4340	Unit 4, 94 Delta Street Geebung QLD 4034	9287 Smucker Road Orrville, Ohio 44667	
Telephone	+27 32 541 8600	+61 7 3865 6179		
Facsimile	+27 32 541 8704	+61 7 3865 6179	+1 330 669 3965	
Emergency Contact			800-424-9300 (CHEMTREC)	
Contact	+27 82 778 0569	+61 41 0685 981	techservice@chemspecpaint.com	
Contact number	Group Technical Manager techservice@chemspecpaint.com http://www.chemspecpaint.com/	techservice@chemspecpaint.com	techservice@chemspecpaint.com	

SECTION 2. HAZARDS IDENTIFICATION

Overall Nature HAZARDOUS MIXTURE, DANGEROUS GOODS

Classification reference SANS10234 (1272/2008/EC) :

Classification of the substance or mixture

- (H226) Flammable liquids, Hazard Category 3
- (H313) Acute toxicity (dermal), Hazard Category 5
- (H332) Acute toxicity (inhalation), Hazard Category 4
- (H315) Skin corrosion/irritation, Hazard Category 2
- (H317) Sensitisation ^ Skin, Hazard Category 1
- (H350) Carcinogenicity, Hazard Category 1A, 1B
- (H360Df) Reproductive toxicity, Hazard Category 1A, 1B
- (H373) Specific target organ toxicity ^ Repeated exposure, Hazard Category 2
- (H401) Hazardous to the aquatic environment ^ AcuteHazard, Category 1
- (H411) Hazardous to the aquatic environment - Chronic Hazard, Category 2

GHS label elements, including precautionary statements

Signal word Danger
Pictograms



Hazard and Precautionary Statements

- Hazard Statements**
- Flammable liquid and vapour
 - May be harmful in contact with skin
 - Harmful if inhaled
 - Causes skin irritation
 - May cause an allergic skin reaction
 - May cause cancer

May damage the unborn child. Suspected of damaging fertility.
May cause damage to organs through prolonged or repeated exposure
Very toxic to aquatic life
Toxic to aquatic life with long lasting effects

Precautionary Statements

Prevention Statements

Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Keep away from heat/sparks/open flames/hot surfaces. – No smoking.
Keep container tightly closed.
Ground/bond container and receiving equipment. – if the explosive is electrostatically sensitive.
Use explosion-proof electrical/ventilating/lighting/.../ equipment.
Use only non-sparking tools.
Take precautionary measures against static discharge.
Do not breathe dust/fume/gas/mist/vapours/spray.
Avoid breathing dust/fume/gas/mist/vapours/spray.
Wash ... thoroughly after handling.
Use only outdoors or in a well-ventilated area.
Contaminated work clothing should not be allowed out of the workplace.
Avoid release to the environment. – if this is not the intended use.
Wear protective gloves/protective clothing/eye protection/face protection.
Use personal protective equipment as required.

Response Statements

IF ON SKIN: Wash with plenty of soap and water.
IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
IF exposed or concerned: Get medical advice/ attention.
Call a POISON CENTER or doctor/physician if you feel unwell.
Get medical advice/attention if you feel unwell.
Specific treatment (see ... on this label). ... Reference to supplemental first aid instruction.
If skin irritation occurs: Get medical advice/ attention.
If skin irritation or rash occurs: Get medical advice/attention.
Take off contaminated clothing and wash before reuse.
Wash contaminated clothing before reuse.
In case of fire: Use powder/... for extinction.
Collect spillage.

Storage Statements

Store in a well-ventilated place. Keep cool.
Store locked up.

Disposal Statements

Dispose of contents/container in accordance with local/regional/ national/international regulations in accordance with local/regional/ national/international regulation

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Product type : Mixture **Generic name :** PAINT or PAINT RELATED MATERIAL

CAS No. : Not applicable **EU Index No :** Not applicable **UN No :** 1263

HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS

Name	% m/m	EC Labels	CAS Number	EC Index
XYLENE	30-60 %	Xn	1330-20-7	601-022-00-9
LEAD CHROME PIGMENT	10-30 %	T N	1344-37-2	082-009-00-X
SOLVENT NAPHTHA LIGHT AROM (ARO1) (Benzene < 0.1%)	<10 * %	Xn	64742-95-6*	649-356-00-4
ISOBUTYL ALCOHOL	<5 * %	- Xi	78-83-1	603-108-00-1
N-BUTANOL	<5 * %	Xn	71-36-3	603-004-00-6

Classification reference SANS10234 (1272/2008/EC) :

EC Index	Classification Hazard Code
601-022-00-9	Flam. Liq. 3;Acute Tox. 4 ;Acute Tox. 4 ;Skin Irrit. 2 H226;H332;H312;H315
082-009-00-X	Carc. 1B;Repr. 1A;STOT RE 2;Aquatic Acute 1;Aquatic Chronic 1 H350;H360Df;H373;H400;H410
649-356-00-4	Carc. 1B;Muta. 1B;Asp. Tox. 1 H350;H340;H304
603-108-00-1	Flam. Liq. 3;STOT SE 3;Skin Irrit. 2;Eye Dam. 1;STOT SE 3 H226;H335;H315;H318;H336
603-004-00-6	Flam. Liq. 3;Acute Tox. 4 ;STOT SE 3;Skin Irrit. 2;Eye Dam. 1;STOT SE 3 H226;H302;H335;H315;H318;H336

Lead Content - Total : 10.5% Soluble : 1.3%

SECTION 4. FIRST AID MEASURES

Inhalation Move to fresh air. In case of discomfort seek medical attention.
Skin Use hand cleaner/soap & water. Remove contaminated clothing. If any discomfort get medical attention
Eyes ACT FAST! Rinse immediately with plenty of water. Refer immediately to Doctor.
Ingestion Wash mouth with plenty of water. Do NOT induce vomiting. Refer immediately to Doctor.

SECTION 5. FIRE FIGHTING MEASURES

Suitable extinguishing media :

Foam. CO2. Dry powder. Fog to cool and control. Do NOT use water jets.

Specific hazards arising from the chemical :

Containers can burst in a fire. Can form explosive vapour/air mixture. Static discharge hazard!
Flammable with toxic fumes. Potential for spontaneous combustion.
Cool containers in case of fire.

Special protective actions for fire-fighters :

Suitable extinguishing media : Foam, dry agent
 Substance reacts violently/is explosive
 For fires use breathing apparatus. If no fire, breathing apparatus not essential
 Prevent, by any means available, spillage from entering drains or water courses

SECTION 6. ACCIDENTAL RELEASE MEASURES

Contain & Collect. Use inert NOT sawdust. Remove waste to safe place - potential for spontaneous combustion.
 Wear protective equipment (see Section 8). Keep unprotected persons away.
 Do not allow product to reach sewage system or any water course.
 Remove ignition sources and provide sufficient ventilation

SECTION 7. HANDLING AND STORAGE**Storage :**

Store separately from : explosives, toxic gases, oxidising substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards),
 No open flames. No smoking.
 Keep containers cool. Avoid free fall of liquid - use earthing.
 Subject to local bylaws

Handling :

Ensure good ventilation/exhaustion at the workplace
 Do not spray on a naked flame or any incandescent material
 Eating, drinking and smoking in work areas is prohibited
 Wash hands after use
 Remove contaminated clothing and protective equipment before entering eating areas

Inhalation In case of insufficient ventilation, use suitable respiratory protection.
Skin Avoid direct contact. Use barrier cream and impervious gloves.
Eyes Use goggles. Avoid direct contact.
Ingestion Observe the rules of hygiene. Wash before eating, drinking or smoking.

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**HAZARDOUS AND/OR OTHER RELEVANT COMPONENTS**

Name	CAS Number	TWA OEL (mg/m3)	TWA OEL (ppm)	STOEL (mg/m3)	STOEL (ppm)	OEL Type	Vap.Press. (mmHg)
MCV 2K LEMON YELLOW DNM	Not applicable						
Components :							
XYLENE	1330-20-7	435	100	650.	150.	RL+ S CL+	6.7
LEAD CHROME PIGMENT	1344-37-2	.15PB					
SOLVENT NAPHTHA LIGHT AROM (ARO1)	(Benzene < 0.1%) 64742-95-6*	1200				RL	
ISOBUTYL ALCOHOL	78-83-1	150	50	225	75	RL	
N-BUTANOL	71-36-3	150	50	150	50	RL S	1.3

(CL/RL = Controlled/Recommended level 'S' = Skin annotation)

OEL Type : Mixture

Maintain air concentrations below occupational exposure standards, using engineering controls as necessary
 Appropriate hand protection and protective clothing must always be used
 Keep away from foodstuffs, beverages and feed
 Wash hands before breaks and at the end of work

Paint Type Mixture of synthetic resins, pigments and solvents
General PPE Requirements For Mixing, Brush Application, Roller Application, Pouring, etc.

Personal protective equipment :

Skin PPE : Overall and impervious gloves (eg nitrile rubber)
Respiratory PPE : Air purifying respirator (eg cartridge type)
Eye PPE : Faceshield or solvent resistant goggles

HMIS Rating (USA) 3 - 3 - 0 - I (Health-Flam-Reactivity-PPE)
SAPMA Rating 1-H-E PPE : Gloves, Respirator and Eye protection

**SPRAYBOOTH**

Spraybooth Type Spraybooth complying with National Standards
Skin PPE Nitrile Gloves
Eyes PPE Faceshield or solvent resistant goggles
Respiratory Protection Air supplied full facepiece or head covering respirator suitable for organic vapours/particulates

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Property	Value
Appearance	Viscous liquid
Odour	Pungent
pH	not available
Boiling point	>35°C
Melting point	not available
Flash point	>23°C
Explosive prop	not available
Oxidizing prop	not available
Vapour pressure	not available
Density	not available
Water solubility	--
Fat solubility	--
Partition coefficient	not available
Viscosity	not available
Vapour density	not available
Evaporation rate	not available
Autoignition temperature	not available
L.E.L.	not available
U.E.L.	not available
% non volatile	not available

SECTION 10. STABILITY AND REACTIVITY

Stable under normal conditions
 Could generate static - USE EARTHING
 Potential for spontaneous combustion
 No reaction with fire-fighting water
 Keep away from : explosives, toxic gases, oxidising substances, organic peroxides, poisonous (toxic) substances, infectious substances (biohazards),

SECTION 11. TOXICOLOGICAL INFORMATION

Name	CAS Number	LD50 Oral	LD50 Skin	LC50 Inhal(gas)	LC50 Inhal(mist)
-	-	mg/kg	mg/kg	ppmV	mg/lt
MCV 2K LEMON YELLOW	DNM	Not applicable	>500		
Components :					
XYLENE	1330-20-7	4300 mg (Rat)	5000 mg (Rabbit)		
LEAD CHROME PIGMENT	1344-37-2	<500 mg			
SOLVENT NAPHTHA LIGHT AROM (ARO1)	(Benzene < 0.1%)				
	64742-95-6*	>5000 mg (Rat)			
ISOBUTYL ALCOHOL	78-83-1	2460 mg (Rat)			
N-BUTANOL	71-36-3	790 mg (Rat)	3400 mg (Rabbit)		

Inhalation HARMFUL. Excessive exposure to this material must be avoided.
Skin HARMFUL BY CONTACT. Potential Carcinogen. May be absorbed.
Eyes Highly Irritating and risk of irreversible damage.
Ingestion Toxic.
 Contains Carcinogenic substance(s). Refer Section 2.
 Lead Content - Total : 10.5% Soluble : 1.3%

SECTION 12. ECOLOGICAL INFORMATION

May have short term environmental effects. Contain, monitor & remove
 Aquatic toxicity : No further relevant information available
 Persistence and degradability : No further relevant information available.
 Bioaccumulative potential : No further relevant information available.
 Mobility in soil : No further relevant information available.

Available ecological data of ingredients :

Name	CAS Number	Aquatic Toxicity
XYLENE	1330-20-7	LC50 (goldfish) = 13 mg/L; 24 hr LC50 (rainbow trout) = 13.5 mg/L; 96 h EC50 Daphnia magna 3.82 mg/L; 48 h
LEAD CHROME PIGMENT	1344-37-2	LC50 golden orfe = > 10,000 mg/l/96 h EC50 Daphnia magna = > 100 mg/l; 48 h EC50 green algae = > 100 mg/L; 72 h
N-BUTANOL	71-36-3	LC50 Pimephales promelas 1,730 mg/l 96 h EC50 Daphnia magna: 1,983 mg/l; 48 h EC50 Daphnia magna: 1,983 mg/l; 48 h

SECTION 13. DISPOSAL INFORMATION

Hazardous. Use reputable waste disposal contractors. Destroy used containers.
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

SECTION 14. TRANSPORT INFORMATION

UN Number	1263		
Shipping Name	PAINT or PAINT RELATED MATERIAL		
IMO Class	3.3	Packing Group	III
Action Code	127		
HazChem	3[Y]		
Kemler Code	30		
USA (DOT)	UN1263		
CANADA (TDG)	UN1263		



SECTION 15. REGULATORY INFORMATION

CONTAINS LEAD. Should not be used on surfaces liable to be sucked or chewed by children.

CANADIAN DSL INVENTORY Components are listed on inventory list

USA TSCA INVENTORY Components are listed on inventory list

Canada

WHMIS

B-2 : Flammable liquid with Flash Point lower than 37.8°C (100°F)

D-2B : Material causing other toxic effects

SECTION 16. OTHER INFORMATION

Take precautionary measures against static. A potential carcinogen Possibility of systemic effects - reproductive toxicity potential with accumulative effects. Ensure precautions are taken.

In case of any discomfort always seek medical advice

HMIS Rating (USA) : 3 - 3 - 0 - I (Health-Flam-Reactivity-PPE)

Hazard (H) phrases associated with components

H226 : Flammable liquid and vapour
H302 : Harmful if swallowed
H304 : May be fatal if swallowed and enters airways
H312 : Harmful in contact with skin
H315 : Causes skin irritation
H318 : Causes serious eye damage
H332 : Harmful if inhaled
H335 : May cause respiratory irritation
H336 : May cause drowsiness or dizziness
H340 : May cause genetic defects
H350 : May cause cancer
H360Df : May damage the unborn child. Suspected of damaging fertility.
H373 : May cause damage to organs through prolonged or repeated exposure
H400 : Very toxic to aquatic life
H410 : Very toxic to aquatic life with long lasting effects

Abbreviations

Code : Abbreviation : Meaning

- : : flammable

N : : dangerous for the environment

T : : toxic

Xi : : irritant

Xn : : harmful

==== : :

: : Associated pictogram code shown in brackets

H226 : Flam. Liq. 3 : (GHS02) Flammable liquids, Hazard Category 3

H302 : Acute Tox. 4 : (GHS07) Acute toxicity (oral), Hazard Category 4

H304 : Asp. Tox. 1 : (GHS08) Aspiration hazard, Hazard Category 1

H312 : Acute Tox. 4 : (GHS07) Acute toxicity (dermal), Hazard Category 4

H315 : Skin Corr/Irrit. 2 : (GHS07) Skin corrosion/irritation, Hazard Category 2

H318 : Eye Dam/Irrit 1 : (GHS05) Serious eye damage/eye irritation, Hazard Category 1

H332 : Acute Tox. 4 : (GHS07) Acute toxicity (inhalation), Hazard Category 4

H335 : STOT SE 3 : (GHS07) Specific target organ toxicity ^ Single exposure, Hazard Category 3, Respiratory tract irritation

H336 : STOT SE 3 : (GHS07) Specific target organ toxicity ^ Single exposure, Hazard Category 3, Narcosis

H340 : Muta. 1B : (GHS08) Germ cell mutagenicity, Hazard Category 1A, 1B

H350 : Carc. 1A / 1B : (GHS08) Carcinogenicity, Hazard Category 1A, 1B

H360DF : Repr. 1A / 1B : (GHS08) Reproductive toxicity, Hazard Category 1A, 1B

H373 : STOT RE 2 : (GHS08) Specific target organ toxicity ^ Repeated exposure, Hazard Category 2

H400 : Aquatic. Acute 1 : (GHS09) Hazardous to the aquatic environment ^ AcuteHazard, Category 1
H410 : Aquatic Chronic 1 : (GHS09) Hazardous to the aquatic environment ^ Chronic Hazard, Category 1

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: :
: %m/m : Percent by mass
: ACGIH : American Conference of Governmental Industrial Hygienist
: ATE : Acute Toxicity Estimate
: CAS : Chemical Abstracts Service
: CHIP : Chemicals (Hazard Information and Packaging for supply)
: CLP : Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures
: CNS : Central Nervous System
: DIN : Standard of the German Institute for Standardisation
: DOT : Department of Transport
: EC : European Community
: EC50 : Effective Concentration (Median) for 50% of the response under test
: ECB : European Chemicals Bureau
: ECHA : European Chemicals Agency, Helsinki (http://echa.europa.eu/home_en.asp)
: EEC : European Economic Community
: EINECS : European Inventory of Existing Chemical Substances
: ELINCS : European List of Notified Chemical Substances
: GHS : Globally Harmonized System of Classification and Labelling of Chemicals
: HMS : Hazardous Materials Information System (USA only)
: IATA : International Air Transport Association
: IMDG : International Maritime Dangerous Goods Code
: IMO : International Maritime Organization
: INS : Guidance on Identification and Naming of Substances under REACH, ECHA, 2007
: ISO : International Standards Organisation
: L.E.L. : Lower explosive limit
: LD50/LC50 : Median (50%) lethal dose/concentration
: mg/m3 : Milligrams per cubic meter
: MSDS : Material safety data sheet
: n.a. : Not available
: NC : No Classification
: No : Number
: OEL : Occupational exposure limit
: OEL-CL : Occupational exposure limit - control limit
: OEL-RL : Occupational exposure limit - recommended limit
: OHS Act : Occupational Health and Safety Act
: P statement : Precautionary statement
: PEL : Permissible Exposure Limit
: PPE : Personal protective equipment
: ppm : Parts per million
: REACH : Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals
: RTDG : Regulations on the Transport of Dangerous Goods. Generic term that covers all modal transport regulations (ADR, RID, ADN, IMDG and ITDG)
: SABS : South African Bureau of Standards
: SANS : South African National Standards
: SAPMA : South African Paint Manufacturers Association
: SARA 313 : Toxic Release Inventory Reporting SRA Section 3
: SDS : Safety Data Sheet
: STOEL : Short-term occupational exposure limit
: STOT-RE : Specific Target Organ Toxicity - Repeated Exposure
: STOT-SE : Specific Target Organ Toxicity - Single Exposure
: TDG : Transport of Dangerous Goods
: TSCA : Toxic Substance Control Act (USA only)
: TWA : Time weighted average
: U.E.L. : Upper explosive limit
: UN : United Nations
: WHMIS : Workplace Hazardous Materials Information Systems (Canada only)
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: :

This SDS conforms with General Administrative Regulations of 6 Sept.1996 (SANS11014:2010/ISO11014:2009)
OELs derived from OHS Act Regulations for Dangerous Chemical Substances of 25 Aug.1995 (EH-42)
SAPMA Rating - South African Paint Manufacturers Association Guide to Health Hazards (SABS ARP 006:1991)
All information is given in good faith but without guarantee in respect of accuracy.
No responsibility is accepted for errors or omissions or the consequences thereof.

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