

# INTERTEK

**ZDHC MRSL V2.0 LEVEL 1  
CONFORMANCE**



# BETTER CHEMICAL MANAGEMENT AND CONTROL

In April 2020, Intertek has been recognized by Zero Discharge of Hazardous Chemical (ZDHC) Foundation for MRSL Level 1 Conformance on the ZDHC Gateway – Chemical Module based on MRSL Version 2.0

10 Intertek labs have already been approved!

- Bangladesh — Dhaka
- Hong Kong
- China — Guangzhou
- China — Shanghai
- China — Tianjin
- India—Bangalore
- India—Gurgaon
- Taiwan — Taipei
- Turkey
- Vietnam — Ho Chi Minh City

**As an approved certifier,  
Intertek can**

- ✓ Perform testing of chemical substances against the ZDHC MRSL conformance guideline
- ✓ Ensure compliance of the test data with quality assurance and quality control requirement
- ✓ Review/ verify safety data sheet (SDS) of any toxic chemical or specific priority chemicals

## Ø **ZDHC** CONTRIBUTOR

As a Contributor Member of ZDHC, we are trusted by brands and retailers in rolling out their chemical management program towards **zero discharge of hazardous chemicals** milestones, creating a **sustainable supply chain** with and for every stakeholder.

Apart from being a certifier for Level 1 Conformance for ZDHC Chemical Gateway, we are also approved for ZDHC Wastewater Gateway (wastewater & sludge sampling and testing as well as data uploading).

## Benefits to chemical suppliers & manufacturers

- Enjoy Intertek's excellent customer service for speed-to-market
- Improve the quality of solutions by leveraging Intertek's strong chemical expertise
- Offer safer chemical options to upstream manufacturers, vendors, brands and retailers
- Reduce the need to submit chemical for different testing requirements/parameters

# IMPROVING SUPPLY CHAIN TRACEABILITY TOGETHER



For brands

## Ø **ZDHC** CONTRIBUTOR

As a Contributor Member of ZDHC, we are committed to working collaboratively with brands and retailers towards **zero discharge of hazardous chemicals** milestones, and engage proactively with our customers for a more **sustainable supply chain** with our wide-scope of ATIC solutions.

Apart from being a certifier for Level 1 Conformance for ZDHC Chemical Gateway, we are also approved for ZDHC Wastewater Gateway (wastewater & sludge sampling and testing as well as data uploading).

## Benefits to apparel, textiles and footwear brands

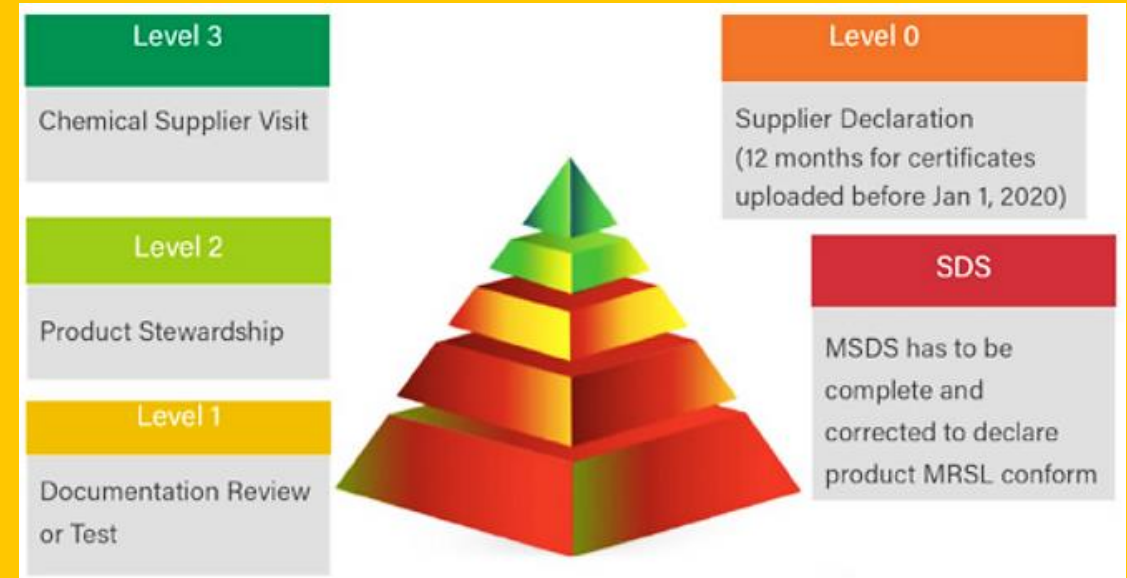
- Trust in Intertek's expertise and know-how of the industry
- Encourage suppliers to utilize systematic data capturing via ZDHC Gateway - Chemical Module to create more sustainable supply chain
- Develop more compact cooperation and confidence between you and your supplier community
- Address chemical management usage and application to demonstrate maximum conformance

# WHAT IS MRSL CONFORMANCE?

The levels of conformance are related to the confidence that any specific batch of the chemical formulation will meet the MRSL requirements. Higher levels of conformance mean that there is increasingly more known about the chemical formulation and the environmental health and safety practices of the chemical supplier.

Depending on the conformance level it may be:

- Level 0 (self-declaration)
- Level 1 (test report or third-party documentation review),
- Level 2 (includes a review of the formulation and documentation review of the chemical supplier's product stewardship)
- Level 3 (review which requires a supplier site visit as a part of the product stewardship review)



# MRSL V1.1 VERSUS V2.0

## 1. Additional Chemicals

Many problematic chemical substances have been added to the list of restricted substances, including restrictions for new substrates: rubber, foams and adhesives. Efforts have been made to align with the industry and cover more 'hazardous' substances.

There are 8 substance groups of chemical adding to Smart Testing Grid

- Anti- Microbials & Biocides
- Chlorinated Paraffins
- Borate, Zinc salt
- Bisphenol A
- Thiourea
- Quinoline
- AEEA [2-(2-aminoethylamino)ethanol]
- UV Absorbers

## 2. New Chapters

Two new chapters have been added to version 2.0. This increases the scope of the ZDHC MRSL, while helping the industry to prepare for future restricted chemicals.

1. ZDHC MRSL Candidate List (will be added in v3.0)
2. Archived substances (previously been used in the industry, and are no longer in use)

## 3. ZDHC MRSL Level 0 conformance declarations

Last date for adding a Level 0 is December 31, 2019. This also means that as from January 1, 2021 there will not be any level 0 certification on the Gateway.

## 4. Update on smart testing grid

Smart Testing Grid updated as 1. Textile, 2. Leather, 3. Synthetic Leather, and 4. Polymers (Rubber, Foam and Adhesives)

# CHEMICAL APPROVAL PROCESS

Starting 2nd March 2020, all certification organizations should approve formulators' products certified by them in ZDHC Gateway directly.

## Direct verification by certification bodies

What happens before and after verification..



- If Verify → ZDHC MRSL Conformant
- If Not Verify → Registered

..and some verification acceptance rules for certification bodies:

- 01.01.2020 – 01.01.2021 → Verify both ZDHC MRSL V1.1 and V2.0
- 01.01.2021 onwards → Verify ZDHC MRSL V2.0 only



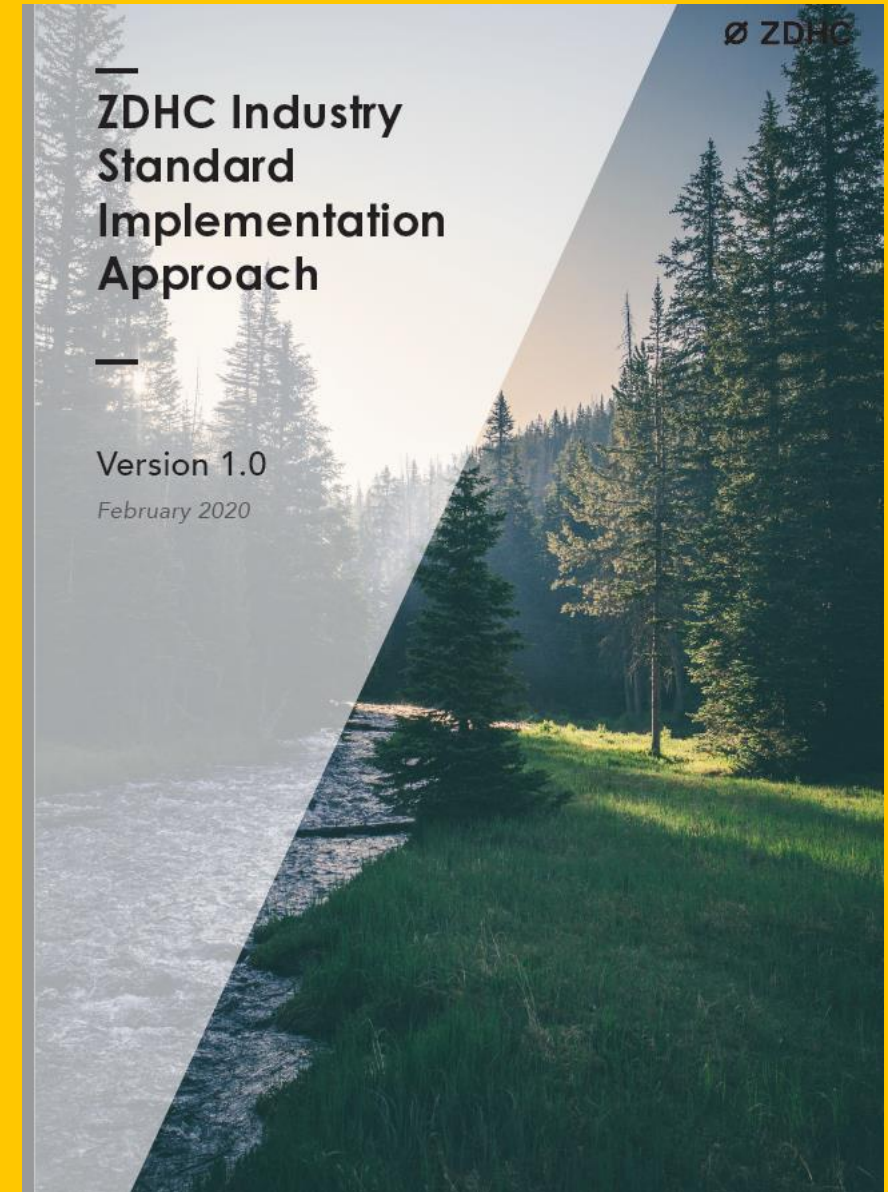
Visit ZDHC Academy to watch  
Certification Bodies training  
Videos!!



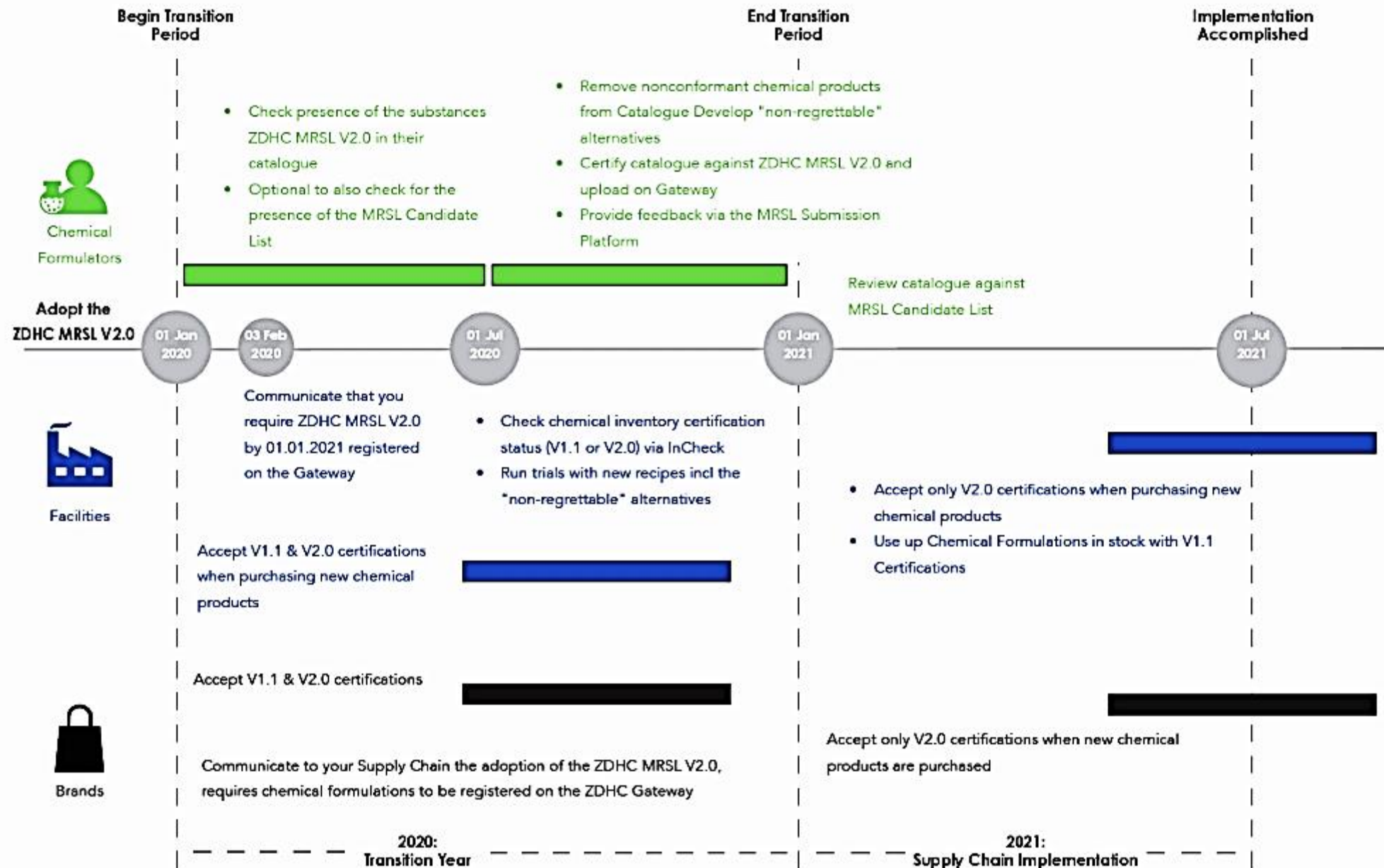
# TIMELINE SWITCHING FROM V1.1 TO 2.0

As with the introduction of any updated guideline, a transition period has been provided to put the latest version into action. The chemical industry will have a transition period of **12 months** to implement ZDHC MRSL V2.0.

We've identified four key stakeholder types that play a key role: Certification Bodies, "Chemical" Formulators, Facilities/Suppliers and Brands/Retailers. By implementing in a collaborative, connected way, these stakeholders can reduce the impact of the implementation efforts. This document provides a standard approach to help achieve this.







Client can test ZDHC MRSL v2.0 directly

# NO ZDHC MRSL GATEWAY ACCOUNT?

We can invite you to be Formulator/Supplier of ZDHC MRSL Gateway, Please find in below information.

- Organization type: Formulator/Supplier
- Contact name:
- Organization name:
- Contact email:

All information must be in English.

And then, an email with registration link will be sent to you.

Client can get more information on below link

For Formulators:

<https://www.youtube.com/watch?v=DcL05AEgIwM>

For Suppliers:

<https://www.youtube.com/watch?v=-dXwAxvg3F8>

<https://www.youtube.com/watch?v=haFey9R0UxQ>

# DIFFERENT PLANS FOR CHEMICAL GATEWAY

Formulators/suppliers can register for trial run in ZDHC gateway

Detail pricing can be found at:

<https://zdhcgateway.zendesk.com/hc/en-us/articles/360025589691-ZDHC-Gateway-Pricing-Model>

## 06 / Plans

ZDHC Gateway has three plans for formulator:

### TRIAL PLAN

The Trial Plan includes the following:

- ✓ Limited Company Profile
- ✓ Unlimited "Private" Products
- ✓ Upgrade to Pro during Trial period
- ✓ 30 Business Days

To avail the Trial Plan, click **FREE TRIAL**

**FREE TRIAL**

### PRO PLAN

The Pro Plan includes the following:

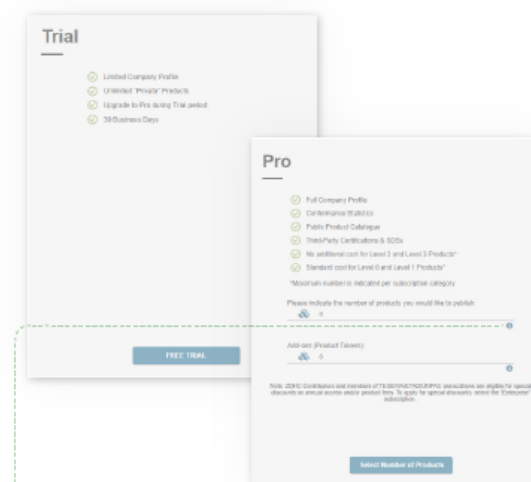
- ✓ Full Company Profile
- ✓ Conformance Statistics
- ✓ Public Product Catalogue
- ✓ Third-Party Certifications & SDSs
- ✓ No additional cost for Level 2 and Level 3 Products\*
- ✓ Standard cost for Level 0 and Level 1 Products\*

You can also indicate on the number of products you would like to publish and you can preview your total bill.

To avail the **Pro Plan**, click the **Select Number of Products /Price**

**Select Number of Products**

*Note: You can check the ZDHC Pricing Model by clicking the info tip ⓘ*



**intertek**

**Total Quality. Assured.**